



## Acrp30 Monoclonal Antibody

Catalog No         BYmab-15870           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         ADIPOQ           Protein Name         Adiponectin           Immunogen         The antiserum was produced against synthesized peptide derived from human Acrp30. AA range:6-55           Specificity         Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1           Observed Band         30kD           Cell Pathway         Secreted .           Tissue Specificity         Synthesized exclusively by adipocytes and secreted into plasma adiponectin, disease; Centeriou var		
Reactivity Human;Mouse;Rat  Applications WB  Gene Name ADIPOQ  Protein Name Adiponectin  Immunogen The antiserum was produced against synthesized peptide derived from human Acrp30. AA range:6-55  Specificity Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band 30kD  Cell Pathway Secreted .  Tissue Specificity Synthesized exclusively by adipocytes and secreted into plasma.  Implication of plasma adiponectin, disease: Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:45583]; also known as diabetes mellifus (NIDDM) [MIM:15583]; also known as diabetes mellifus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance, domain: The	Catalog No	BYmab-15870
Applications  Gene Name  ADIPOQ  Protein Name  Adiponectin  Immunogen  The antiserum was produced against synthesized peptide derived from human Acrp30. AA range:6-55  Specificity  Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band  30kD  Cell Pathway  Secreted .  Tissue Specificity  Synthesized exclusively by adipocytes and secreted into plasma.  Ilmin-firsuin-dependent diabetes mellitus (NIDDM) [MIM1:45853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance, domain: The	Isotype	IgG
Gene Name   ADIPOQ	Reactivity	Human;Mouse;Rat
Protein Name         Adiponectin           Immunogen         The antiserum was produced against synthesized peptide derived from human Acrp30. AA range:6-55           Specificity         Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse,lgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1           Observed Band         30kD           Cell Pathway         Secreted .           Tissue Specificity         Synthesized exclusively by adipocytes and secreted into plasma           Adiponectin, disease: Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MiM:612586]; ADPND results in very low concentrations of plasma adiponectin, disease: Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MiM:125863]; also known as diabetes mellitus (tquing adulthood and insulin* esistance,	Applications	WB
Immunogen  The antiserum was produced against synthesized peptide derived from human Acrp30. AA range:6-55  Specificity  Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse,IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  ≥90%  Storage Stability  -20°C/1 year  Synonyms  ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band  Observed Band  Cell Pathway  Secreted .  Tissue Specificity  Synthesized exclusively by adipocytes and secreted into plasma.  disease: Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MiM:612566], ADPND results in very low concentrations of plasma adiponectin., disease: Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIDDM) [MIM:125853]; also known as diabetes mellitus type; on set during adulthoral and insulters stance, domain: The	Gene Name	ADIPOQ
Acrp30. AA range:6-55  Specificity Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band 30kD  Cell Pathway Secreted .  Tissue Specificity Synthesized exclusively by adipocytes and secreted into plasma.  disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin, diseases:Cenetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853], also known as diabetes mellitus (NIDDM) [MIM:125853], also known as diabetes mellitus (NIDDM) [MIM:125853], also known as diabetes mellitus (NIDDM) is characterized by an alustosmal domain: The	Protein Name	Adiponectin
Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band 30kD  Cell Pathway Secreted Synthesized exclusively by adipocytes and secreted into plasma.  Function disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556], ADPND results in very low concentrations of plasma adiponectin, disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent dlabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus (PDDM) in scharacterized by an autosomal dominant mode of inheritatope, onset during adulthood and insulin resistance, domain:The	Immunogen	
Source         Monoclonal, Mouse,IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1           Observed Band         30kD           Cell Pathway         Secreted .           Tissue Specificity         Synthesized exclusively by adipocytes and secreted into plasma.           Function         disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin, diseases:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance, domain:The	Specificity	Acrp30 Monoclonal Antibody detects endogenous levels of Acrp30 protein.
Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1 Observed Band 30kD Cell Pathway Secreted. Tissue Specificity Synthesized exclusively by adipocytes and secreted into plasma.  disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin, disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.,domain:The	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1         Observed Band       30kD         Cell Pathway       Secreted .         Tissue Specificity       Synthesized exclusively by adipocytes and secreted into plasma.         Function       disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MiM:612556]. ADPND results in very low concentrations of plasma adiponectin., disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MiM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance, domain:The	Purification	· · · · · · · · · · · · · · · · · · ·
Purity ≥90%  Storage Stability -20°C/1 year  Synonyms ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band 30kD  Cell Pathway Secreted .  Tissue Specificity Synthesized exclusively by adipocytes and secreted into plasma.  Function disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin.,disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.,domain:The	Dilution	WB 1:500-2000
Storage Stability  -20°C/1 year  ADIPOQ; ACDC; ACRP30; APM1; GBP28; Adiponectin; 30 kDa adipocyte complement-related protein; Adipocyte complement-related 30 kDa protein; ACRP30; Adipocyte; C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1  Observed Band  Observed Band  Secreted .  Tissue Specificity  Synthesized exclusively by adipocytes and secreted into plasma.  Function  disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND) [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin.,disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.,domain:The	Concentration	1 mg/ml
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Function  disease:Defects in ADIPOQ are the cause of adiponectin deficiency (ADPND)  [MIM:612556]. ADPND results in very low concentrations of plasma adiponectin.,disease:Genetic variations in ADIPOQ are associated with non-insulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2. NIDDM is characterized by an autosomal dominant mode of inheritance, onset during adulthood and insulin resistance.,domain:The	Cell Pathway	Secreted .
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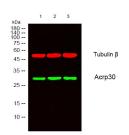


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	adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver
Background	adiponectin, C1Q and collagen domain containing(ADIPOQ) Homo sapiens This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Apr 2010],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Acrp30 Monoclonal Antibody

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