



## Tensin-1 (phospho Tyr1326) Monoclonal Antibody

II.,PTM:Tyrosine phosphorylated.,similarity:Contains 1 C2 tensin-type domain.,similarity:Contains 1 phosphatase tensin-type domain.,similarity:Contains 1 SH2 domain.,subunit:Binds to actin filaments and		
Reactivity Human;Mouse  Applications WB  Gene Name TNS1  Protein Name Tensin-1  Immunogen Synthesized phospho-peptide around the phosphorylation site of human Tensin-1 (phospho Tyr1326)  Specificity Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.  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 TNS1; TNS; Tensin-1  Observed Band 185kD  Cell Pathway Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.  Tissue Specificity Ubiquitous.  Function function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeletonPTM:Rapidly cleaved by calpain II.,PTM:Tyrosine phosphorylated, similarity:Contains 1 to 2 tensin-type domain, similarity:Contains 1 H2 domain, spub.nitElinds to actin filaments and interacts with phosphorylorosine-containing proteins. Interacts with STARD8, tissue with phosphorylorosine-containing proteins. Interacts with STARD8, tissue	Catalog No	BYmab-03065
Applications WB  Gene Name TNS1  Protein Name Tensin-1  Immunogen Synthesized phospho-peptide around the phosphorylation site of human Tensin-1 (phospho Tyr1326)  Specificity Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.  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 TNS1; TNS; Tensin-1  Observed Band 185kD  Cell Pathway Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.  Tissue Specificity Ubiquitous.  Function function: May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton. PTM:Rapidly cleaved by calpain III.,PTM:Tyrosine phosphorylated .,similarity. Contains 1 Dhosphatase tensin-type domain., similarity. Contains 1 1 Bhosphatase tensin-type domain., similarity. Contains 1 1 SH2 domain., subunit. Binds to actin filaments and interacts with phosphotyprosine-containing proteins. Interacts with STARDB, tissue	Isotype	IgG
Gene Name Protein Name Tensin-1  Immunogen Synthesized phospho-peptide around the phosphorylation site of human Tensin-1 (phospho Tyr1326)  Specificity Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.  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 290% Storage Stability -20°C/1 year  Synonyms TNS1; TNS; Tensin-1  Observed Band 185kD  Cell Pathway Cell surface. Cell junction, focal adhesion. Cytoplasm, cytoskeleton. Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.  Tissue Specificity Ubiquitous.  Function function: May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton. PTM:Rapidly cleaved by calpain II.,PTM:Tyrosine phosphorylated.,similarity.Contains 1 Dosphatase tensin-type domain.,similarity.Contains 1 SH2 domain.,subunit:Binds to actin filaments and interacts with STARDB, tissue	Reactivity	Human;Mouse
Protein Name         Tensin-1           Immunogen         Synthesized phospho-peptide around the phosphorylation site of human Tensin-1 (phospho Tyr1326)           Specificity         Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.           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         TNS1; TNS; Tensin-1           Observed Band         185kD           Cell Pathway         Cell surface. Cell junction, focal adhesion. Cytoplasm, cytoskeleton. Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.           Tissue Specificity         Ubiquitous.           Function         function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton. PTM:Rapidly cleaved by calpain II.,PTM. Tyrosine phosphorylated, similarity.Contains 1 Deosphatase tensin-type domain, similarity:Contains 1 BH2 domain, subunit:Binds to action filaments and int	Applications	WB
Immunogen	Gene Name	TNS1
(phospho Tyr1326)  Specificity Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.  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 TNS1; TNS; Tensin-1  Observed Band 185kD  Cell Pathway Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.  Tissue Specificity Ubiquitous.  Function function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton . PTM:Rapidly cleaved by calpain II.,PTM:Tyrosine phosphorylated, similarity:Contains 1 C2 tensin-type domain., similarity:Contains 1 phosphatase tensin-type domain., similarity:Contains 1 phosphotylated, similarity. Interacts with STARD8, fissue	Protein Name	Tensin-1
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         TNS1; TNS; Tensin-1           Observed Band         185kD           Cell Pathway         Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.           Tissue Specificity         Ubiquitous.           Function         function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton., PTM: Rapidly cleaved by calpain II. PTM: Tyrosine phosphorylated, similarity:Contains 1 C2 tensin-type domain., similarity:Contains 1 phosphatase tensin-type domain., similarity:Contains 1 phosphatase tensin-type domain., similarity:Contains 1 phosphatase tensin-type interacts with STARD8, tissue	Immunogen	• • • • • • • • • • • • • • • • • • • •
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         TNS1; TNS; Tensin-1           Observed Band         185kD           Cell Pathway         Cell surface . Cell junction, focal adhesion . Cytoplasm, cytoskeleton . Localized at cell periphery preferentially to fibrillar adhesions than focal adhesions. Translocates from the cell edge to cell center in an ITGB1BP1-dependent manner.           Tissue Specificity         Ubiquitous.           Function         function:May be involved in cell migration, cartilage development and in linking signal transduction pathways to the cytoskeleton., PTM: Rapidly cleaved by calpain II. PTM: Tyrosine phosphorylated, similarity:Contains 1 C2 tensin-type domain., similarity:Contains 1 phosphatase tensin-type domain., similarity:Contains 1 phosphatase tensin-type domain., similarity:Contains 1 phosphatase tensin-type interacts with STARD8, tissue	Specificity	Phospho-Tensin-1 (Y1326) Monoclonal Antibody detects endogenous levels of Tensin-1 protein only when phosphorylated at Y1326.
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Nanjing BYabscience technology Co.,Ltd



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Background	The protein encoded by this gene localizes to focal adhesions, regions of the plasma membrane where the cell attaches to the extracellular matrix. This protein crosslinks actin filaments and contains a Src homology 2 (SH2) domain, which is often found in molecules involved in signal transduction. This protein is a substrate of calpain II. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015],
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.

## (kD) Western Blot analysis of various cells using Tensin-1 (phospho Tyr1326) Monoclonal Antibody Tensin-1 (p-Tyr1326) 1309572-

网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658