



## **BLNK Monoclonal Antibody**

Function small intestines and colon.  Graph disease:Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MIM:604515]. This is a developmental blockage at the pro- to pre-B-cell		
Reactivity Human;Mouse  Applications WB  Gene Name BLNK  Protein Name B-cell linker protein  Immunogen The antiserum was produced against synthesized peptide derived from human BLNK. AA range:62-111  Specificity BLNK Monoclonal Antibody detects endogenous levels of BLNK 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 BLNK; BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Sh2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa;  Observed Band 50kD  Cell Pathway Cytoplasm . Cell membrane . BCR activation results in the translocation to membrane fraction.  Tissue Specificity Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon.  Function disease: Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MIM:604515]. This is a developmental blockage at the pro- to pre-B-cell fransition, function: Function sea central linker protein that projects in BLNK asseptession a central linker protein that projects in BLNK asseptession, function: Functions as a central linker protein that projects in BLNK asseptession as central linker protein that projects in BLNK asseptession, function: Functions as a central linker protein that projects in BLNK asseptession, function: Functions as a central linker protein that projects in BLNK asseptession, function: Functions as a central linker protein that projects in BLNK asseptession. Function as a central linker protein that projects in BLNK asseptession.	Catalog No	BYmab-13869
Applications  Gene Name  BLNK  Protein Name  B-cell linker protein  Immunogen  The antiserum was produced against synthesized peptide derived from human BLNK. AA range:62-111  Specificity  BLNK Monoclonal Antibody detects endogenous levels of BLNK 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  290%  Storage Stability  -20°C/1 year  Synonyms  BLNK; BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a SH2 domain protein; B-cell adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa;  Observed Band  50kD  Cell Pathway  Cytoplasm; Cell membrane BCR activation results in the translocation to membrane fraction.  Tissue Specificity  Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon.  Function  disease:Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MIM:604515]. This is a developmental blockage at the pro- to pre-B-cell transition, disease:In 6 of 34 childhood pre-B acute lymphoblastic leukemia (ALL) samples that were tested showed a complete loss or drastic reduction of BLNK expression, function: Functions as a central linker protein in that goes have expression as central linker protein that protein falses.	Isotype	IgG
Gene Name BLNK Protein Name B-cell linker protein Immunogen The antiserum was produced against synthesized peptide derived from human BLNK. AA range:62-111 Specificity BLNK Monoclonal Antibody detects endogenous levels of BLNK 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 BLNK; BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa; Observed Band 50kD Cell Pathway Cytoplasm . Cell membrane . BCR activation results in the translocation to membrane fraction. Tissue Specificity Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon. Function disease:Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MiM:604515]. This is a developmental blockage at the pro- to pre-B-cell transition, diseases: In 6 of 34 childhood pre-B acutel tymphoblastic leukemia (ALL) samples that were tested showed a complete loss or drastic reduction of BLNK expression, function: Functions as a central linker protein reduction of BLNK expression, function: Functions as a central linker protein reduction of BLNK expression, function: Functions as a central linker protein reduction of BLNK expression, function: Functions as a central linker protein reduction of BLNK expression, function: Functions as a central linker protein reduction of BLNK expression.	Reactivity	Human;Mouse
Immunogen	Applications	WB
Immunogen	Gene Name	BLNK
BLNK. AA range:62-111  Specificity  BLNK Monoclonal Antibody detects endogenous levels of BLNK 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  BLNK; BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa;  Observed Band  50kD  Cell Pathway  Cytoplasm. Cell membrane. BCR activation results in the translocation to membrane fraction.  Tissue Specificity  Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon.  Function  disease:Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MIM:604515]. This is a developmental blockage at the pro- to pre-B-cell transition, disease:In 6 of 34 childhood pre-B acute lymphoblastic reduction of BLNK expression, function:Functions as a central linker protein that bridges kinases	Protein Name	B-cell linker 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 BLNK; BASH; SLP65; B-cell linker protein; B-cell adapter containing a SH2 domain protein; B-cell adapter containing a Src homology 2 domain protein; Cytoplasmic adapter protein; Src homology 2 domain-containing leukocyte protein of 65 kDa;  Observed Band  Cell Pathway Cytoplasm . Cell membrane . BCR activation results in the translocation to membrane fraction.  Tissue Specificity Expressed in B-cell lineage and fibroblast cell lines (at protein level). Highest levels of expression in the spleen, with lower levels in the liver, kidney, pancreas, small intestines and colon.  Function disease:Defects in BLNK are the cause of hypoglobulinemia and absent B-cells [MIM:604515]. This is a developmental blockage at the pro- to pre-B-cell transition. disease: In 6 of 34 childhood pre-B acute lymphoblastic leukemia (ALL) samples that were tested showed a complete loss or drastic reduction of BLNK expression., functions as a central linker protein that bridges kinases	Immunogen	
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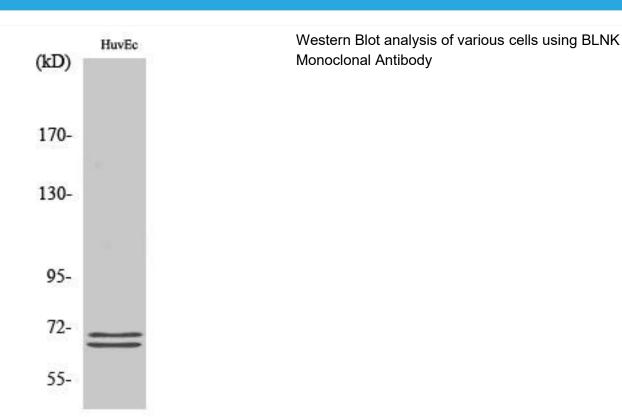


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	regulating biological outcomes of B-cell function and development. Plays a role in the activation of ERK/EPHB2, MAP kinase p38 and JNK. Modulates AP1 activation. Important for the activation of NF-kappa-B and NFAT. Plays an important role in BCR-mediated PLCG1 and PLCG2 activation and Ca(2+) mobilization and is required for trafficking of the BCR to late endosomes. However, does not seem to be required for pre-BCR-mediated ac
Background	This gene encodes a cytoplasmic linker or adaptor protein that plays a critical role in B cell development. This protein bridges B cell receptor-associated kinase activation with downstream signaling pathways, thereby affecting various biological functions. The phosphorylation of five tyrosine residues is necessary for this protein to nucleate distinct signaling effectors following B cell receptor activation. Mutations in this gene cause hypoglobulinemia and absent B cells, a disease in which the pro- to pre-B-cell transition is developmentally blocked. Deficiency in this protein has also been shown in some cases of pre-B acute lymphoblastic leukemia. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2012],
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**



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