

Mouse SH2B3 Monoclonal Antibody | anti-SH2B3 antibody

SH2B3 antibody

CATALOG # AAA107502	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

SH2B3; Monoclonal Antibody; SH2B3 antibody; Monoclonal SH2B3; Anti-SH2B3; SH2B adaptor protein 3; LNK; IDDM20; Lymphocyte-specific adapter protein Lnk; Signal transduction protein Lnk; SHB3 2; SHB3-2; anti-SH2B3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1 E6
Purity/Purification	SH2B3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	575
Applicable Applications for anti-SH2B3 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SH2B3 a member of the SH2B adaptor family of proteins, which are involved in a range of signaling activities by growth factor and cytokine receptors. The encoded protein is a key negative regulator of cytokinesignaling and plays a critical role in hematopoiesis. Mutations in this gene have been associated with susceptibilityto celiac disease type 13 and susceptibility to insulin-dependent diabetes mellitus.
Cross-Reactivity	Human
Immunogen	SH2B3 antibody was raised in mouse using a full length recombinant protein of human SH2B3 (NP_005466) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SH2B3 protein using SH2B3 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SH2B3 protein (Right) or empty vector (Left) detected with SH2B3 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant SH2B3 protein (red) or empty vector (blue) stained using SH2B3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SH2B3 antibody	Mouse monoclonal SH2B3 antibody
Product Categories/Family for anti-SH2B3 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885455
NCBI GeneID	10019
NCBI Accession #	NP_005466
NCBI GenBank Nucleotide #	NM_005475.2
UniProt Accession #	Q9UQQ2 ; O95184 ; B9EGG5
Molecular Weight	63,225 Da
NCBI Official Full Name	SH2B adapter protein 3 isoform 1
NCBI Official Synonym Full Names	SH2B adaptor protein 3
NCBI Official Symbol	SH2B3
NCBI Official Synonym Symbols	LNK; IDDM20
NCBI Protein Information	SH2B adapter protein 3
UniProt Protein Name	SH2B adapter protein 3
UniProt Gene Name	SH2B3
UniProt Synonym Gene Names	LNK
UniProt Entry Name	SH2B3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sh2b3-antibody-clone-1-e6-western-blot-immunofluorescence-flow-cytometry-elisa/107502>