Product Datasheet

SH2D1A Rabbit mAb

Catalog No: #52575

Package Size: #52575-1 50ul #52575-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

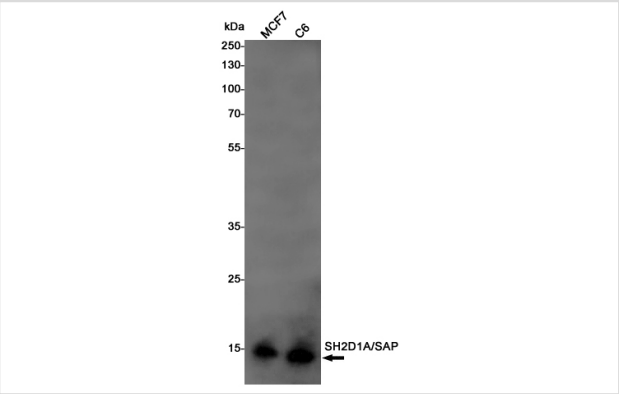
Description

Product Name	SH2D1A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-5F6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SH2D1A/SAP
Conjugates	Unconjugated
Modification	Unmodification
Other Names	LYP; SAP; XLP; DSHP; EBVS; IMD5; XLPD; MTCP1; XLPD1; SAP/SH2D1A
Accession No.	Swiss-Prot:O60880GeneID:4068
Uniprot	O60880
GeneID	4068
Calculated MW	Calculated MW: 14 kDa; Observed MW: 14 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/2000

Images



Western blot detection of SH2D1A/SAP in MCF7,C6 cell lysates using SH2D1A/SAP Rabbit mAb(1:1000 diluted).Predicted band size:14KDa.Observed band size:14KDa.

Background

Swiss-Prot Acc.O60880.Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as SLAMF1, CD244, LY9, CD84, SLAMF6 and SLAMF7. In SLAM signaling seems to cooperate with SH2D1B/EAT-2. Initially it has been proposed that association with SLAMF1 prevents SLAMF1 binding to inhibitory effectors including INPP5D/SHIP1 and PTPN11/SHP-2 (PubMed:11806999). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed:12458214). Positively regulates CD244/2B4- and CD84-mediated natural killer (NK) cell functions. Can also promote CD48-, SLAMF6 -, LY9-, and SLAMF7-mediated NK cell activation. In the context of NK cell-mediated cytotoxicity enhances conjugate formation with target cells . May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

Note: This product is for in vitro research use only