

**SH2D1A Rabbit mAb**  
**Catalog # AP76078****Specification**

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**SH2D1A Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">O60880</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	14187

**SH2D1A Rabbit mAb - Additional Information****Gene ID** 4068**Other Names**  
SH2D1A**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**SH2D1A Rabbit mAb - Protein Information****Name** SH2D1A**Synonyms** DSHP, SAP**Function**

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:<a href="http://www.uniprot.org/citations/11806999" target="\_blank">11806999</a>). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed:<a href="http://www.uniprot.org/citations/12458214" target="\_blank">12458214</a>). 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 (By similarity). May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

**Cellular Location**  
Cytoplasm.

**Tissue Location**

Expressed at a high level in thymus and lung, with a lower level of expression in spleen and liver. Expressed in peripheral blood leukocytes, including T-lymphocytes. Tends to be expressed at lower levels in peripheral blood leukocytes in patients with rheumatoid arthritis.

**SH2D1A Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**SH2D1A Rabbit mAb - Images**

