

SH2D1A monoclonal antibody

Catalog: MB11591

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 14 kDa; Observed MW: 14 kDa

Swiss-Prot:

O60880

Purification&Purity:

Affinity Purified

Applications:

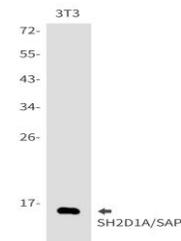
WB: 1/500-1/1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of SH2D1A/SAP in 3T3 lysates using SH2D1A antibody.

Western blot analysis of SH2D1A/SAP in MCF-7, C6 lysates using SH2D1A/SAP antibody.

Note:

For research use only, not for use in diagnostic procedure.

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