Reactivity

Storage & Shipping



PRODUCT INFORMATION

Clone ID **DM11** CS1 **Target**

Synonyms SLAM7 (19A; CD319; CRACC; CS1)

Human

Host Species Rabbit

Description Biotinylated Anti-CS1 antibody(DM11), Rabbit mAb

Delivery 2-3 weeks **Uniprot ID** Q9NQ25 IgG type Rabbit IgG Clonality Monoclonal

Applications ELISA; Flow Cyt Recommended Flow Cyt 1:100

Dilutions

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM

receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins; SH2D1A:SAP and:or SH2D1B:EAT-2. Isoform 1 mediates NK cell activation through a SH2D1A-independent extracellular signal-

regulated ERK-mediated pathway (PubMed:11698418). Positively regulates NK cell Background

functions by a mechanism dependent on

phosphorylated SH2D1B. Downstream signaling implicates PLCG1; PLCG2 and PI3K (PubMed:16339536). In addition to heterotypic NK

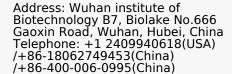
cells-target cells interactions also homotypic interactions between NK cells may contribute to activation. However; in the absence of SH2D1B; inhibits NK cell function. Acts also inhibitory in Tcells (By similarity). May play a role in lymphocyte adhesion (PubMed:11802771). In LPS-activated monocytes negatively regulates production of proinflámmatory cytókines (PubMed:23695528).

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Usage Research use only

Conjugate Biotinylated





Cat. No. DME100011B



DIMA Disclaimer

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to JIMARIO CONTRIBITATION CONTRIBITATIO ensure no IP infringement.

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