

PRODUCT INFORMATION

Clone ID **DM10** CS1 **Target**

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

Host Species Rabbit

Biotinylated Anti-CS1 antibody(DM10); Rabbit Description

mAb

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

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 Reconstitution

lyophilization. Please see Certificate of Analysis

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 Storage & Shipping 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 cellcell 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

Background

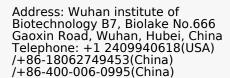
(PubMed:11698418). Positively regulates NK cell functions by a mechanism dependent on

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 proinflammatory cytokines (PubMed:23695528).

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Research use only

Biotinylated Conjugate



Usage



Biotinylated Anti-CS1 antibody(DM10); Rabbit mAb

Cat. No. DME100010B



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 scr

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