Cat. No. DME100009P



PRODUCT INFORMATION

Clone ID DM9 CS1 **Target**

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

Host Species Rabbit

PE-conjugated Anti-CS1 antibody(DM9); Rabbit Description

mAb

Delivery 3-4 weeks **Uniprot ID Q9NQ25** Rabbit IgG IgG type Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended Flow Cyt 1:100 **Dilutions**

Formulation &

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

chromatography

Liquid PBS with 0.05% Proclin300, 1% BSA Reconstitution

Storage & Shipping Store at 2°C-8°C for 6 months

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 and

SH2D1A-independent extracellular signalregulated ERK-mediated pathway

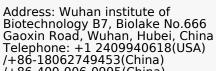
Background (PubMed:11698418). Positively regulates NK cell

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 T-cells (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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Usage Research use only Conjugate PE-conjugated



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