
CRTAM Rabbit pAb

Catalog Number: bs-4957R

Target Protein: CRTAM

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Pig)

Predicted MW: 42 kDa

Entrez Gene: 56253

Swiss Prot: O95727

Source: KLH conjugated synthetic peptide derived from human CRTAM: 31-130/393.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CRTAM, (class-I MHC-restricted T-cell associated molecule), is an immunoglobulin-superfamily transmembrane protein and a new member of the nectin-like (NecIs) family. In the immune system, CRTAM expression has been shown to be restricted to activated class-I MHC-restricted T cells, including NKT and CD8 T cells. CRTAM interacts with CADM1 and promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro, as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo. Nectin-like (NecI) molecule 2, has been identified as a ligand of CRTAM. NecI2/CRTAM molecular pair could regulate a large panel of cell/cell interactions both within and outside of the immune system.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.1] Hinman Jason D. et al. miR-142-3p regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy.

Hum Mol Genet. 2021 Feb;; IF ; Mouse . 33555315