

bs-4957R**[Primary Antibody]****CRTAM Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig)
GeneID: 56253	SWISS: Q95727	
Target: CRTAM		Predicted MW.: 42 kDa
Immunogen: KLH conjugated synthetic peptide derived from human CRTAM: 31-130/393. < Extracellular >		Subcellular Location: Cell membrane
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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 (Necls) 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 (Necl) molecule 2, has been identified as a ligand of CRTAM. Necl2/CRTAM molecular pair could regulate a large panel of cell/cell interactions both within and outside of the immune system.		

— SELECTED CITATIONS —

- **[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