

CRTAM Recombinant antibody

Cat:B36140S

Company: HaoKebio

Uniprot ID:O95727-1

Applications: IHC:1:400-1:1600

Organism:Rabbit

IHC-Polymer:1:1600-1:6000

Species reactivity:Human Mouse

IHC-TSA:1:2000-1:8000

Molecular Weight Calculation: 45 kDa

IF:1:50

Observed Molecular Weight: 70 kDa

WB:1:1000-1:4000

Background:

Cytotoxic and regulatory T cell molecule (CRTAM, also known as CD355) is an immunoglobulin-superfamily transmembrane protein with V and C1-like Ig domains, which is involved in epithelial cell adhesion. CRTAM is critical to instruct the differentiation of CD4⁺ cytotoxic T cells (CTL) through the induction of eomesodermin and CTL-related genes. It also regulates CD8⁺ T cell retention within the lymph node and eventually effect or function. The predicted molecular weight of CRTAM is 43 kDa. Due to glycosylation, the observed molecular weight of CRTAM can be apparent at ~80 kDa.

Synonyms:

CRTAM, 241280C4, CD355, Class-I MHC-restricted T-cell-associated molecule, Cytotoxic and regulatory T-cell molecule

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse spleen, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:CRTAM(B36140S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

