

For Research Use Only

Anti-Mouse CRTAM/CD355 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98420-3-PBS



Basic Information

Catalog Number:

98420-3-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2691

GenBank Accession Number:

NM_001281954.1

GeneID (NCBI):

54698

UNIPROT ID:

Q149L7-1

Full Name:

cytotoxic and regulatory T cell molecule

Calculated MW:

44 kDa

Purification Method:

Protein A purification

CloneNo.:

250055A1

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

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 (PMID: 18329370; 20556794). CRTAM is critical to instruct the differentiation of CD4+ cytotoxic T cells (CTL) through the induction of eomesodermin and CTL-related genes (PMID: 26694968). It also regulates CD8+ T cell retention within the lymph node and eventually effector function (PMID: 19752223).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

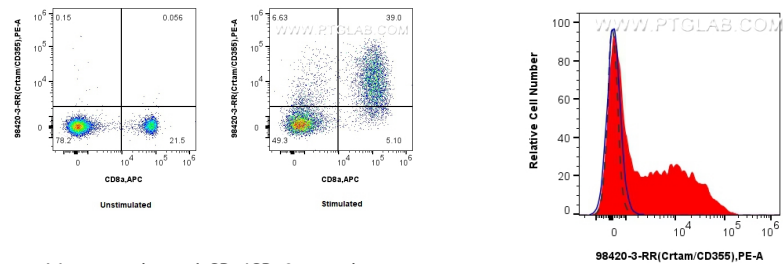
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CRTAM/CD355 Rabbit RecAb (98420-3-RR, Clone: 250055A1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with APC Anti-Mouse CD8a (53-6.7) (APC-65069, Clone: 53-6.7). Cells were not fixed. This data was developed using the same antibody clone with 98420-3-PBS in a different storage buffer formulation.

1x10⁶ anti-CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CRTAM/CD355 Rabbit RecAb (98420-3-RR, Clone: 250055A1) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse Crtam(CD355) Rabbit RecAb (98420-3-RR, Clone:250055A1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (black,