

For Research Use Only

CRTAM/CD355 Polyclonal antibody

Catalog Number:32680-1-AP



Basic Information

Catalog Number:

32680-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

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

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse spleen tissue, mouse thymus tissue, rat spleen tissue, rat thymus tissue

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). The predicted molecular weight of CRTAM is 44 kDa. Due to glycosylation, the observed molecular weight of CRTAM can be apparent at ~80 kDa (PMID: 16300832).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

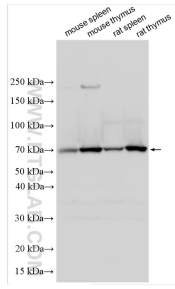
For technical support and original validation data for this product please contact:

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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



Various lysates were subjected to SDS PAGE followed by western blot with 32680-1-AP (CRTAM/CD355 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.