

For Research Use Only

# Mouse CRTAM/CD355 Polyclonal antibody, PBS Only

Catalog Number: 32680-1-PBS



## Basic Information

**Catalog Number:**

32680-1-PBS

**Size:**

100ug, Concentration: 1 mg/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

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

mouse, rat

## 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 -80°C.

**Storage Buffer:**

PBS Only

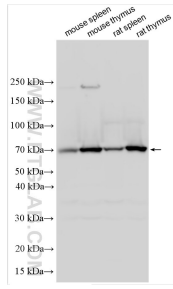
For technical support and original validation data for this product please contact:

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## 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. This data was developed using the same antibody clone with 32680-1-PBS in a different storage buffer formulation.