

For Research Use Only

Anti-Mouse CD367/CLEC4A Rabbit Recombinant Antibody

Catalog Number: 98688-2-RR



Basic Information

Catalog Number:

98688-2-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5258

GenBank Accession Number:

NM_001170332.1

GeneID (NCBI):

26888

UNIPROT ID:

Q9QZ15

Full Name:

C-type lectin domain family 4, member a2

Calculated MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

251355C11

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

Background Information

CLEC4A (also commonly referred to as DCIR) belongs to the C-type lectin receptor (CLR) family and functions primarily as an inhibitory receptor in the immune system. It is a type II transmembrane protein containing a C-type lectin-like domain (CTLD). Uniquely among most CLRs, it possesses an immunoreceptor tyrosine-based inhibitory motif (ITIM) in its cytoplasmic tail (PMID: 35017526). Mice lacking Clec4a2 or Clec4a4 are highly susceptible to autoimmune conditions such as experimental arthritis and experimental autoimmune encephalomyelitis (EAE) due to excessive DC activation (PMID: 27068492).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

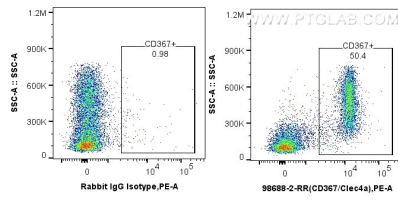
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

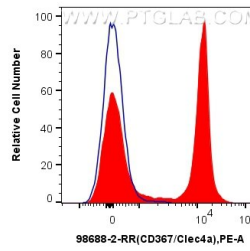
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD367/Clec4a Rabbit RecAb (98688-2-RR, Clone:251355C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CD367/Clec4a Rabbit RecAb (98688-2-RR, Clone:251355C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were not fixed.