

For Research Use Only

Anti-Mouse CD367/CLEC4A Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98688-2-PBS



Basic Information

Catalog Number:

98688-2-PBS

Size:

1mg, 3 mg/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

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

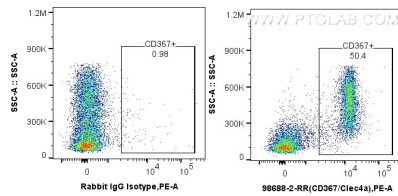
For technical support and original validation data for this product please contact:

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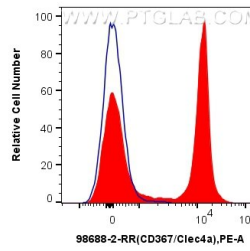
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W: ptglab.com

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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. This data was developed using the same antibody clone with 98688-2-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 98688-2-PBS in a different storage buffer formulation.