

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	GenBank Accession Number: NM_001170332.1	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 26888	CloneNo.: 251355C11
Source: Rabbit	UNIPROT ID: Q9QZ15	
Isotype: IgG	Full Name: C-type lectin domain family 4, member a2	
Immunogen Catalog Number: EG5258	Calculated MW: 27 kDa	

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.
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:

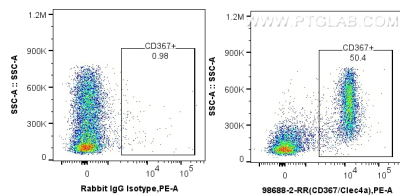
T: 4006900926

E: Proteintech-CN@ptglab.com

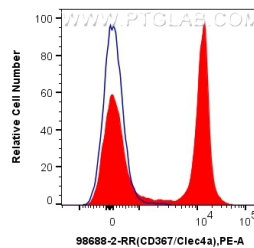
W: ptgcn.com

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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.