

For Research Use Only

# Anti-Mouse CLEC12A/CD371 Rabbit Recombinant Antibody

Catalog Number: 98357-1-RR



## Basic Information

Catalog Number:

98357-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2726

GenBank Accession Number:

/

GeneID (NCBI):

232413

UNIPROT ID:

Q504P2

Full Name:

C-type lectin domain family 12, member a

Calculated MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

242620B12

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

## Background Information

CLEC12A, also known as CD371, M1CL, DCAL-2 or CLL-1, is a type II transmembrane glycoprotein and a member of the C-type lectin superfamily (PMID: 30401586). This protein, which contains a single C-type lectin-like domain and a cytoplasmic immunoreceptor tyrosine-based inhibitory motif (ITIM), is related to LOX-1 and Dectin-1 and is variably spliced and highly N-glycosylated (PMID: 14739280). Its ITIM sequence recruits the tyrosine phosphatases SHP-1 and SHP-2 to negatively regulate Syk signaling.

## 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:

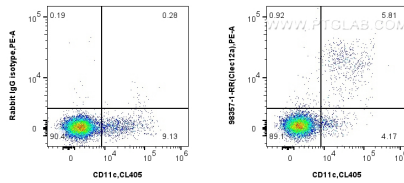
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CLEC12A/CD371 Rabbit RecAb (98357-1-RR, Clone: 242620B12) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 405 Anti-Mouse CD11c (N418) Mouse IgG2a Recombinant Antibody (CL405-65602, Clone: N418) and APC Anti-Mouse CD8a (53-6.7) (APC-65069, Clone: 53-6.7).

