

For Research Use Only

Anti-Mouse CLEC10A/CD301 Rabbit Recombinant Antibody

Catalog Number: 98437-1-RR



Basic Information

Catalog Number:

98437-1-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2698

GenBank Accession Number:

NM_010796.3

GeneID (NCBI):

17312

UNIPROT ID:

P49300

Full Name:

macrophage galactose N-acetyl-galactosamine specific lectin 1

Calculated MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

242636F7

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

C-type lectin domain family 10 member A (CLEC10A), also known as CD301, macrophage galactose-type C-type lectin (MGL), DC-asialoglyco protein receptor (DC-ASGP-R) or human macrophage lectin (HML), is a type II transmembrane glycoprotein having a calcium-dependent carbohydrate recognition domain (PMID: 8598452; 11919201; 11698450). CLEC10A is expressed exclusively by myeloid professional antigen-presenting cells such as immature dendritic cells (DCs) and alternatively activated macrophages (PMID: 16998493). CLEC10A is a marker for human CD1c⁺ DCs (cDC2) (PMID: 29755453). It functions as an endocytic receptor for glycosylated antigens (PMID: 11919201).

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

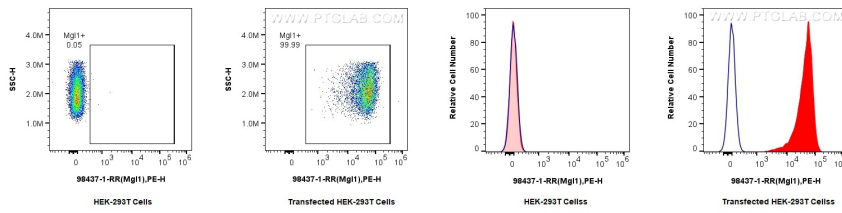
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1x10⁶ HEK-293T cells or CLEC10A/CD301 transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse CLEC10A/CD301 Rabbit RecAb (98437-1-RR, Clone:242636F7) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10⁶ HEK-293T cells or CLEC10A/CD301 transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse CLEC10A/CD301 Rabbit RecAb (98437-1-RR, Clone:242636F7) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.