

For Research Use Only

Anti-Mouse CD302 Rabbit Recombinant Antibody

Catalog Number: 98434-2-RR



Basic Information

Catalog Number:

98434-2-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2660

GenBank Accession Number:

NM_025422.4

GeneID (NCBI):

66205

UNIPROT ID:

Q9DCG2-2

Full Name:

CD302 antigen

Calculated MW:

24 kDa

Purification Method:

Protein A purification

CloneNo.:

242893C3

Recommended Dilutions:

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

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

CD302 is a C-type lectin receptor involved in cell adhesion and migration, as well as endocytosis and phagocytosis. In mice and humans, CD302 is primarily expressed in the liver, lungs, lymph nodes (LNs), spleen, and bone marrow. In CD302 gene knockout (CD302KO) mice, the migration frequency and number of myeloid dendritic cells (mDC) in CD302KO lymph nodes were reduced compared to the wild type, confirming the functional role of CD302 in mDC migration.

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

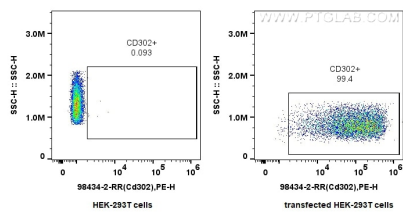
For technical support and original validation data for this product please contact:

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

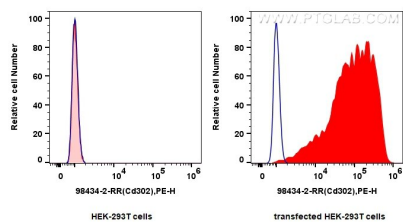
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ HEK-293T cells (left) or CD302 transfected HEK-293T cells (right) were surface stained with 0.25 ug Anti-Mouse CD302 Rabbit RecAb (98434-2-RR, Clone: 242893C3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ HEK-293T cells (left) or CD302 transfected HEK-293T cells (right) were surface stained with 0.25 ug Anti-Mouse CD302 Rabbit RecAb (98434-2-RR, Clone: 242893C3) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.