

For Research Use Only

Anti-Mouse CD18 (M18/2) Rat IgG2a Recombinant Antibody

Catalog Number: 65671-1-TR



Basic Information

Catalog Number:

65671-1-TR

Size:

100ug , 1000 µg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC145644

GeneID (NCBI):

16414

Full Name:

integrin beta 2

Purification Method:

Protein A purification

CloneNo.:

M18/2

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse thymocytes,

Background Information

CD18, also known as integrin beta-2, is a transmembrane protein that forms heterodimers with CD11a, CD11b, CD11c, CD11d (PMID: 1968349). CD11a/CD18 (LFA-1) is expressed by all leukocytes, while CD11b/CD18 (Mac-1) and CD11c/CD18 (p150,95) are normally restricted to expression on monocytes, macrophages, polymorphonuclear lymphocytes (PMNs), and natural killer cells (PMID: 1968349; 3109455; 10946284). CD18 plays an important role in mediating cell adhesion during immune response and defects of CD18 cause leukocyte adhesion deficiency (PMID: 3594570).

Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

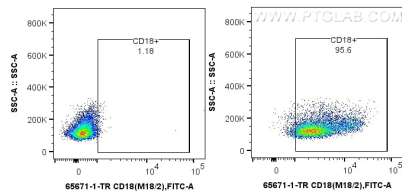
For technical support and original validation data for this product please contact:

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

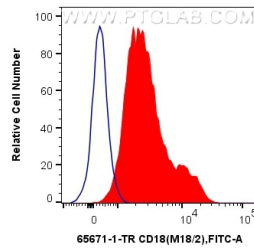
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse thymocytes were surface stained with 0.5 ug Anti-Mouse CD18 (M18/2) Rat IgG2a RecAb (65671-1-TR, Clone:M18/2) or Rat IgG2a Isotype Control Recombinant Antibody (98427-1-TR, Clone: 250862A1), and FITC anti-Rat IgG2a antibody. Cells were not fixed.



1x10⁶ mouse thymocytes were surface stained with 0.5 ug Anti-Mouse CD18 (M18/2) Rat IgG2a RecAb (65671-1-TR, Clone:M18/2) (red) or Rat IgG2a Isotype Control Recombinant Antibody (98427-1-TR, Clone: 250862A1) (blue), and FITC anti-Rat IgG2a antibody. Cells were not fixed.