

For Research Use Only

Anti-Mouse CD18 (M18/2) Rat Recombinant Antibody, PBS Only

Catalog Number: 65671-1-PBS



Basic Information

Catalog Number:

65671-1-PBS

Size:

1mg, 3 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

BC145644

GeneID (NCBI):

16414

UNIPROT ID:

P11835

Full Name:

integrin beta 2

Purification Method:

Protein A purification

CloneNo.:

M18/2

Applications

Tested Applications:

FC

Species Specificity:

mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

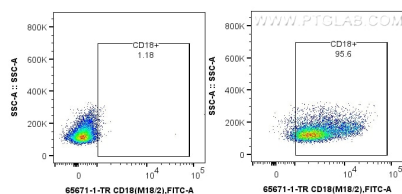
For technical support and original validation data for this product please contact:

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

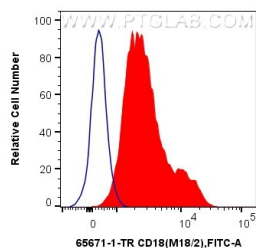
E: proteintech@ptglab.com
W: ptglab.com

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. This data was developed using the same antibody clone with 65671-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 65671-1-PBS in a different storage buffer formulation.