## For Research Use Only

## Anti-Mouse CD18 (M18/2)

Catalog Number: 65178-1-lg



**Purification Method:** 

chromatography

CloneNo.:

Purified by protein-A affinity

**Basic Information** 

Catalog Number:

65178-1-lg

Size: 100ug, 0.5 mg/ml

Source: Rat

Isotype: IgG2a, kappa GenBank Accession Number:

BC145644 GeneID (NCBI): 16414

UNIPROT ID: P11835 Full Name: integrin beta 2

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

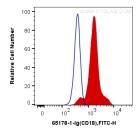
Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide.

## Selected Validation Data



1X10^6 BALB/c mouse thymocytes were surface stained with 1 ug Anti-Mouse CD18 (65178-1-lg, Clone:M18/2) and FITC anti-rat IgG2a Antibody at dilution 1:100 (red), or 1 ug Control Antibody. Cells were not fixed.