

FITC Anti-Mouse CD18 (M18/2)

Catalog Number: FITC-65178

Basic Information

Catalog Number:

FITC-65178

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

Purification Method:

The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

CloneNo.:

M18/2

Excitation/Emission maxima wavelengths:

494 nm / 520 nm

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

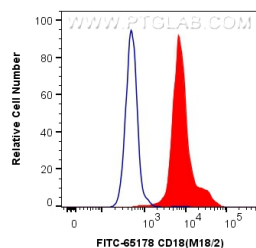
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

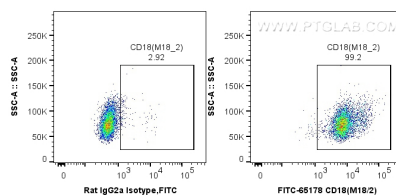
Storage Buffer:

PBS with 0.1% sodium azide.

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with 0.5 ug FITC Anti-Mouse CD18 (FITC-65178, Clone: M18/2) (red), or 0.5 ug Control Antibody. Cells were not fixed.



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