

For Research Use Only

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

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).

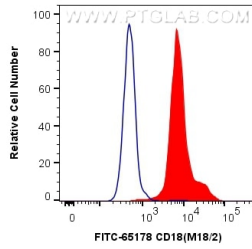
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide.

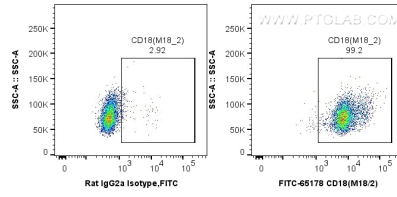
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



1X10⁶ mouse 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.



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.