

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD18 (M18/2)



Catalog Number: **CL488-65178**

Basic Information

Catalog Number: CL488-65178	GenBank Accession Number: BC145644	Purification Method: Purified by protein-A affinity chromatography
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 16414	CloneNo.: M18/2
Source: Rat	Full Name: integrin beta 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a, kappa		

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

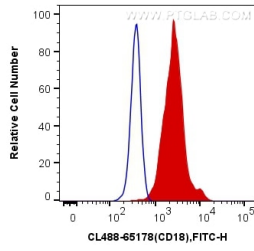
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

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 1 ug CoraLite® Plus 488 Anti-Mouse CD18 (CL488-65178, Clone: M18/2) (red) or 1 ug Control Antibody. Cells were not fixed.