

For Research Use Only

Atlantic Blue™ Anti-Human CD18 (TS1/18)



Catalog Number: AB-65190

Basic Information

Catalog Number: AB-65190	GenBank Accession Number: BC005861	Purification Method: Protein G purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 3689	CloneNo.: TS1/18
Source: Mouse	Full Name: integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	Excitation/Emission maxima wavelengths: 404 nm / 458 nm
Isotype: IgG1, kappa	Calculated MW: 85 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

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

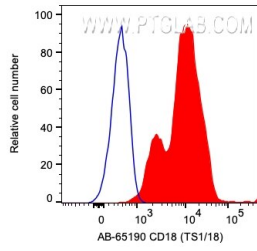
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% 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 human PBMCs were surface stained with 5 ul Atlantic Blue™ Anti-Human CD18 (AB-65190, Clone:TS1/18) or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.