

# Anti-Human CD18 (TS1/18) Mouse IgG1 Recombinant Antibody, PBS Only

Catalog Number: **65524-1-PBS**

## Basic Information

Catalog Number: 65524-1-PBS	GenBank Accession Number: BC005861	Purification Method: Affinity purification
Size: 1mg, 2 mg/ml	GeneID (NCBI): 3689	CloneNo.: TS1/18
Source: Mouse	ENSEMBL Gene ID: ENSG00000160255	
Isotype: IgG1	Full Name: integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	
	Calculated MW: 85 kDa	

## Applications

Tested Applications:  
FC

Species Specificity:  
Human

## Background Information

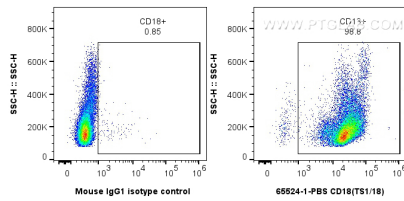
CD18, also known as integrin beta-2, is a transmembrane protein that forms heterodimers with CD11a, CD11b, CD11c, CD11d (PMID: 1968349). CD11a/CD18 (LFA-1) is expressed by all leukocytes, while CD11b/CD18 (Mac-1) and CD11c/CD18 (p150,95) are normally restricted to expression on monocytes, macrophages, 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 -80°C. Stable for one year after shipment.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS only

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD18 (65524-1-PBS, Clone:TS1/18) or 0.25 ug Isotype Control, and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Cells were not fixed.