

For Research Use Only

Anti-Human CD29 (TS2/16)

Catalog Number: 65191-1-Ig 2 Publications



Basic Information

Catalog Number: 65191-1-Ig	GenBank Accession Number: BC020057	Purification Method: Protein G purification
Size: 100ug, 500 µg/ml	GeneID (NCBI): 3688	CloneNo.: TS2/16
Source: Mouse	ENSEMBL Gene ID: ENSG00000150093	
Isotype: IgG1, kappa	UNIPROT ID: P05556	
	Full Name: integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	
	Calculated MW: 88 kDa	

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Human

Cited Species:
human, mouse

Background Information

Integrin beta-1 (ITGB1), also named as CD29, is a 130 kDa single chain type I glycoprotein that is expressed in a heterodimeric complex with one of six distinct α subunits, comprising the very late activation antigen (VLA) subfamily of adhesion receptors. It is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. The β 1 subunit is also broadly expressed on lymphocytes and monocytes, weakly expressed on granulocytes, and not expressed on erythrocytes. These receptors are involved in a variety of cell-cell and cell-matrix interactions.

Notable Publications

Author	Pubmed ID	Journal	Application
Junjie Liu	34707701	Exp Ther Med	FC
Baihe Han	35968497	Dis Markers	FC

Storage

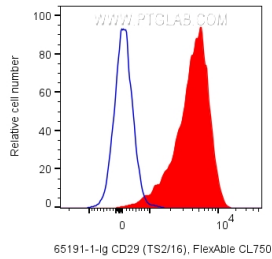
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

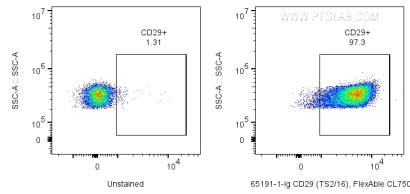
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 0.2 ug Anti-Human CD29 (65191-1-Ig, Clone:TS2/16) labeled with FlexAble CoraLite® Plus 750 Antibody Labeling Kit for Mouse IgG1 (KFA024) (red), or unstained (blue). Cells were not fixed. Monocytes were gated.



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD29 (65191-1-Ig, Clone:TS2/16) labeled with FlexAble CoraLite® Plus 750 Antibody Labeling Kit for Mouse IgG1 (KFA024) (right), or unstained (left). Cells were not fixed. Monocytes were gated.