

For Research Use Only

FcZero-rAb™ APC Anti-Human CD29 (TS2/16) Rabbit IgG Recombinant Antibody

Catalog Number: APC-FcA65601



Basic Information

Catalog Number: APC-FcA65601	GenBank Accession Number: BC020057	Purification Method: Protein A purification
Size: 100tests, 5 ul/test	GeneID (NCBI): 3688	CloneNo.: TS2/16
Source: Rabbit	ENSEMBL Gene ID: ENSG00000150093	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG	Full Name: integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)	
	Calculated MW: 88 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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.

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:

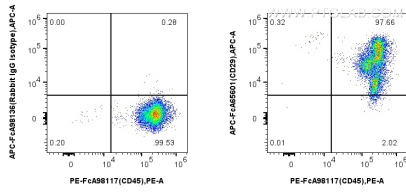
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb™ PE Anti-Human CD45 and 5 ul APC Anti-Human CD29 (TS2/16) Rabbit IgG RecAb (APC-FcA65601, Clone: TS2/16), or 5 ul APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.