

For Research Use Only

Atlantic Blue™ Anti-Human CD29 (TS2/16)



Catalog Number: AB-65191

Basic Information

| | | |
|--------------------------------------|---|---|
| Catalog Number: AB-65191 | GenBank Accession Number: BC020057 | Purification Method: Affinity purification |
| Size: 100 tests, 5 µl/test | GeneID (NCBI): 3688 | CloneNo.: TS2/16 |
| Source: Mouse | ENSEMBL Gene ID: ENSG00000150093 | Excitation/Emission maxima wavelengths: 404 nm / 458 nm |
| 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

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

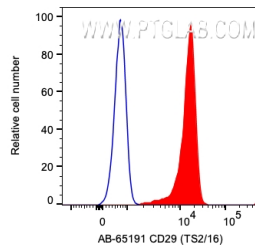
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

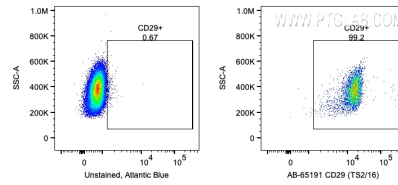
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 5 ul Atlantic Blue™ Anti-Human CD29 (AB-65191, Clone:TS2/16) or unstained. Cells were not fixed. Monocytes were gated.



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