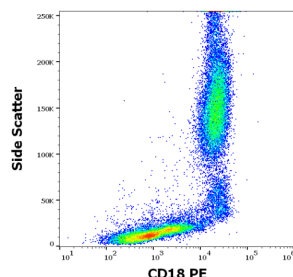
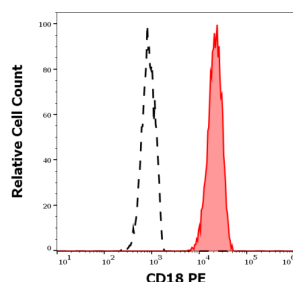


Integrin Beta 2 (ITGB2) Antibody (PE)

Catalogue No.: abx139645



Flow cytometry analysis of human peripheral whole blood stained using anti-human ITGB2 (PE) antibody (5 µg/ml).



Flow cytometry analysis showing separation of neutrophil granulocytes (red) from ITGB2 negative lymphocytes (black) in human peripheral whole blood, using anti-human ITGB2 (PE) antibody (5 µg/ml).

CD18 Antibody is a Mouse Monoclonal against CD18.

Target: Integrin Beta 2 (ITGB2)

Clonality: Monoclonal

Clone: F231

Reactivity: Human

Tested Applications: FCM

Host: Mouse

Recommended dilutions: FCM: 20 µl/100 µl of whole blood or 10⁶ cells. Optimal dilutions/concentrations should be determined by the end user. The content of a vial (2 ml) is sufficient for 100 tests.

Conjugation: PE

Excitation/Emission: 565/575

Laser Line: 550

Immunogen: Peripheral blood mononuclear cells.

Datasheet

Version: 2.0.0
Revision date: 25 Jun 2025



Isotype:	IgG ₁
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	P05107 (UniProt , ExPASy)
Gene Symbol:	ITGB2
GeneID:	3689
KEGG:	hsa:3689
String:	9606.ENSP00000380948
Buffer:	Stabilizing PBS solution containing 15 mM sodium azide.
Specificity:	The antibody recognizes an epitope on CD18 which is essentially inaccessible in intact integrin molecules on resting leukocytes, but is exposed on high-affinity state of LFA-1 or on unassociated CD18. CD18 (integrin beta2 subunit; beta2 integrin) is a 90-95 kDa type I transmembrane protein expressed on all leukocytes.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.