

Fc Fragment of IgG Low Affinity IIIa Receptor (FCGR3A) Antibody (PE)

Catalogue No.: abx139441



Fluorescence emission spectra of PE.

CD16 Antibody is a Mouse Monoclonal against CD16.

Target:	Fc Fragment of IgG Low Affinity IIIa Receptor (FCGR3A)
Clonality:	Monoclonal
Clone:	C307
Reactivity:	Human, Monkey
Tested Applications:	FCM
Host:	Mouse
Recommended dilutions:	FCM: 20 µl/100 µl of whole blood or 10 ⁶ cells. Validated in IHC-F. 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:	Human neutrophils.
Isotype:	IgG ₁ Kappa
Storage:	Store in the dark at 2-8°C. Avoid exposure to light. Do not freeze.
UniProt Primary AC:	P08637 (UniProt , ExPASy)
GeneID:	2214

Datasheet

Version: 3.0.0

Revision date: 09 Oct 2025



Buffer:	Stabilizing PBS solution containing 15 mM sodium azide.
Specificity:	The mouse monoclonal antibody recognizes CD16, a low affinity receptor for aggregated IgG (FcγRIII antigen). CD16 exists in two different isoforms: CD16a (FcγRIIIA; 50-65 kDa; expressed on NK-cells, monocytes and macrophages) and CD16b (FcγRIIIB; 48 kDa; mainly expressed on neutrophils).
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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