

For Research Use Only

FcZero-rAb™ CoraLite® Plus 405 Anti-Human CD16 (3G8) Rabbit IgG Recombinant Antibody

Catalog Number: CL405-FcA65612



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-FcA65612	BC017865	Protein A purification
Concentration:	GenID (NCBI):	CloneNo.:
100 tests, 5 µl/test	2214	3G8
Source:	ENSEMBL Gene ID:	Recommended Dilutions:
Rabbit	ENSG00000203747	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype:	UNIPROT ID:	Excitation/Emission maxima wavelengths:
IgG	P08637	399 nm / 422 nm
	Full Name:	
	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	
	Calculated MW:	
	254 aa, 29 kDa	

Applications

Tested Applications:	Positive Controls:
FC	FC : human peripheral blood leukocyte,
Species Specificity:	human, monkey, non-human primates

Background Information

CD16 is a 50-70-kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD16 has been identified as Fc receptors Fc γ RIIa (CD16a) and Fc γ RIIb (CD16b), encoded by two nearly identical genes, FCGR3A and the FCGR3B. Clone 3G8 recognizes both the CD16a and CD16b (PMID: 7592758).

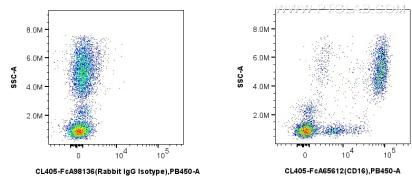
Storage

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, pH7.3

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 peripheral blood leukocyte were surface stained with 5 ul CoralLite® Plus 405 Anti-Human CD16 (3G8) Rabbit IgG RecAb (CL405-FcA65612, Clone: 3G8) or CoralLite® Plus 405 Rabbit IgG Isotype Control RecAb (CL405-98136, Clone: 240953C9). Cells were not fixed.