

For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Human CD16a Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98293



Basic Information

Catalog Number: CL488-FcA98293	GenBank Accession Number: GeneID (NCBI): 2214	Purification Method: Protein A purification
Concentration: 100 tests, 5 µl/test	ENSEMBL Gene ID: ENSG00000203747	CloneNo.: 242426G11
Source: Rabbit	Full Name: Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	Recommended Dilutions: FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 29 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG2488		

Applications

Tested Applications: FC	Positive Controls: FC : human peripheral blood leukocytes,
Species Specificity: human	

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 FcγRIIIa (CD16a) and FcγRIIIb (CD16b), encoded by two nearly identical genes, FCGR3A and FCGR3B.

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:

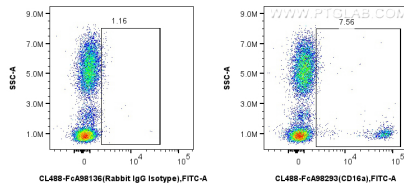
T: 4006900926

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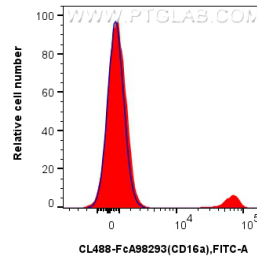
W: ptgcn.com

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Selected Validation Data



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD16a Rabbit RecAb (CL488-FcA98293, Clone: 242426G11) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human peripheral blood leukocytes were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD16a Rabbit RecAb (CL488-FcA98293, Clone: 242426G11) (red) or FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.