

Product Datasheet

Fc gamma RIII (CD16) Antibody (3G8) [PE] NBP3-21452PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-21452PE

Fc gamma RIII (CD16) Antibody (3G8) [PE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	3G8
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Conjugate	PE
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	2214
Gene Symbol	FCGR3B
Species	Human, Baboon, Chimpanzee, Cynomolgus Monkey, Rhesus Macaque
Reactivity Notes	Expected to react with Pigtailed Macaque, Capuchin Monkey, Squirrel Monkey, Sooty Mangabey, Cotton-topped Tamarin, Marmoset.
Specificity/Sensitivity	This antibody binds to CD16 at an epitope which is not the IgG-binding site. This antibody cannot distinguish between CD16a transmembrane isoform found on the surface of NK cells and macrophages (which can trigger the cytolytic response), and the GPI-linked CD16b isoform present on neutrophils or soluble CD16 found in the plasma. CD16 is the low affinity IgG receptor III and binds to aggregated IgG or IgG-antigen complex which functions in NK cell activation, phagocytosis and ADCC (antibody-dependent cell-mediated cytotoxicity).
Immunogen	Human PMN (polymorphonuclear leukocytes) cells.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Surface Plasmon Resonance (SPR), Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize, Surface Plasmon Resonance (SPR)
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Fc gamma RIII (CD16) Antibody (3G8) [PE] [NBP3-21452PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

LASER (nm)	FILTER
Blue (488)	582/15
Y-G (561)	

EXCITATION MAX (nm)	EMISSION MAX (nm)
498	578
565	



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Products Related to NBP3-21452PE

210-TA-005	TNF-alpha [Unconjugated]
1960-FC-050	Fc gamma RIII (CD16) [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
DC140	CD14 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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