

Product Datasheet

Fc gamma RIII (CD16) Antibody (3G8) [mFluor Violet 500 SE] **NBP3-21452MFV500**

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-21452MFV500

Fc gamma RIII (CD16) Antibody (3G8) [mFluor Violet 500 SE]

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	mFluor Violet 500 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	2214
Gene Symbol	FCGR3A
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) [mFluor Violet 500 SE] - Vial of mFluor Violet 500 conjugated antibody. mFluor Violet 500 is optimally excited at 410 nm by the Violet laser (405 nm) and has an emission maximum of 501 nm.





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Products Related to NBP3-21452MFV500

210-TA-005	TNF-alpha [Unconjugated]
1960-FC-050	Fc gamma RIII (CD16) [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
NB110-89474	CD11b Antibody - BSA Free

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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