

Product Datasheet

Fc gamma RIIIA/CD16a Antibody (3G8) [HRP] NBP2-81102H

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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NBP2-81102H

Fc gamma RIIIA/CD16a Antibody (3G8) [HRP]

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	No Preservative
Isotype	IgG Kappa
Conjugate	HRP
Purity	Protein A purified
Buffer	PBS
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	3G8 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	3G8 was prepared by immunizing mice with human PMN (polymorphonuclear leukocytes) cells.
Product Application Details	
Applications	Immunohistochemistry
Recommended Dilutions	Immunohistochemistry
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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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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