

Product Datasheet

Fc gamma RI/CD64 Antibody (H22) - Chimeric - Azide and BSA Free

NBP2-81097-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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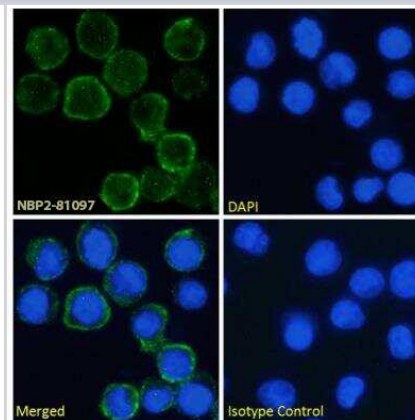
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	H22
Preservative	0.02% Proclin 300
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Human
Gene ID	2209
Gene Symbol	FCGR1A
Species	Human
Specificity/Sensitivity	This antibody is specific for human Fc gamma RI/CD64, and specifically an epitope outside the Fc binding domain. The binding activity of the VH/VL antibody format was unaffected by fusion of the m22(scFv) coding regions to the truncated ETA coding sequences
Immunogen	This recombinant antibody was prepared by cloning the single chain fragment (scFv) derived from the murine anti-human Fc gamma RI/CD64 mAb m22 into the bacterial expression vector pBM1.1, and fusing it to a deletion mutant of Pseudomonas exotoxin A.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Competitive ELISA
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Competitive ELISA
Application Notes	This chimeric human antibody was made using the variable domain sequences of the original IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Images

Immunocytochemistry/Immunofluorescence: Fc gamma RI/CD64 Antibody (H22) [NBP2-81097] - Immunofluorescence analysis of paraformaldehyde fixed U937 cells on coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of H22 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom CD64/H22 antibody, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.





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Products Related to NBP2-81097-0.2mg

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP3-06872-0.1mg	Human IgG1 Kappa Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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