

Product Datasheet

Fc gamma RI/CD64 Antibody (1D3) H00002209-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002209-M01

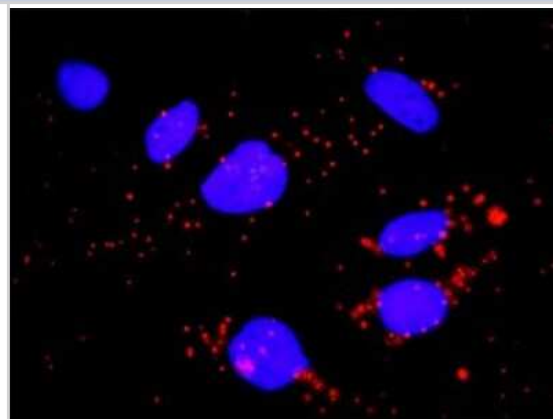
Fc gamma RI/CD64 Antibody (1D3)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D3
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2209
Gene Symbol	FCGR1A
Species	Human
Specificity/Sensitivity	FCGR1A - Fc fragment of IgG, high affinity Ia, receptor (CD64) (1D3)
Immunogen	FCGR1A (NP_000557, 16 a.a. ~ 115 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QVDTTKAVITLQPPWVSVFQEETVTLHCEVLHLPGSSSTQWFLNGTATQTSTP SYRITSASVNDSGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRVFT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay
Recommended Dilutions	ELISA, Immunocytochemistry/Immunofluorescence, Proximity Ligation Assay
Application Notes	It has been used for ELISA.

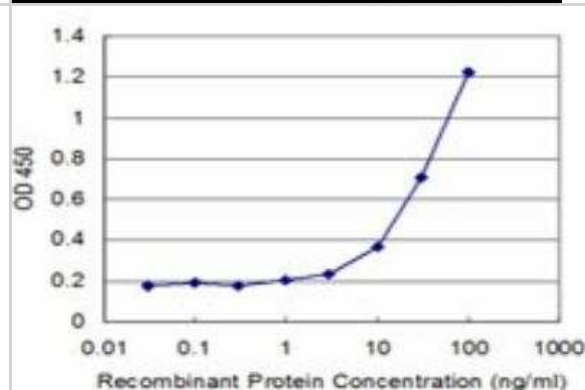


Images

Proximity Ligation Assay: Fc gamma RI/CD64 Antibody (1D3) [H00002209-M01] - Analysis of protein-protein interactions between FCGR3A and FCGR1A. HeLa cells were stained with anti-FCGR3A rabbit purified polyclonal 1:1200 and anti-FCGR1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: Fc gamma RI/CD64 Antibody (1D3) [H00002209-M01] - Detection limit for recombinant GST tagged FCGR1A is approximately 1ng/ml as a capture antibody.



Publications

Shang L, Daubeuf B, Triantafilou M et al. Selective Antibody Intervention of Toll-like Receptor 4 Activation through Fc gamma Receptor Tethering. J Biol Chem. 2014-04-15 [PMID: 24737331]



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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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