

Product Datasheet

Fc gamma RIII (CD16) Antibody (MEM-154) - Azide and BSA Free NBP2-37713

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-37713

Fc gamma RIII (CD16) Antibody (MEM-154) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-154
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4), 0.2 um filter sterilized

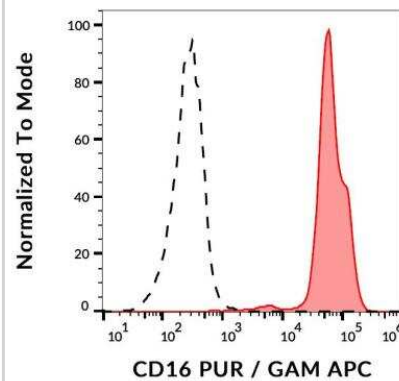
Product Description	
Host	Mouse
Gene ID	2214
Gene Symbol	FCGR3A
Species	Human
Specificity/Sensitivity	The antibody MEM-154 reacts with an epitope on CD16 antigen that is residing in proximity to FG loop (probably BC or C'E loop). CD16 is a low affinity receptor for aggregated IgG (FcgammaRIII antigen). The antibody MEM-154 reacts with CD16+ granulocytes. HLDA V; WS Code M MA068 HLDA V; WS Code NK NK51
Immunogen	Human granulocytes
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Cell Surface), Functional, Immunoprecipitation, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Western Blot 1:100-1:2000 Blocking/Neutralizing 50-200 molar excess, Flow Cytometry 5-10 ug/ml, Immunoprecipitation 1:10-1:500, Functional, Flow (Cell Surface) 1:10-1:1000, CyTOF-ready, Block/Neutralize
Application Notes	This antibody does not react with CD16a present on NK cells in many subjects. Western Blot: non-reducing conditions. Blocking/Neutralizing: this antibody blocks binding of human IgG to FcgammaRIII.

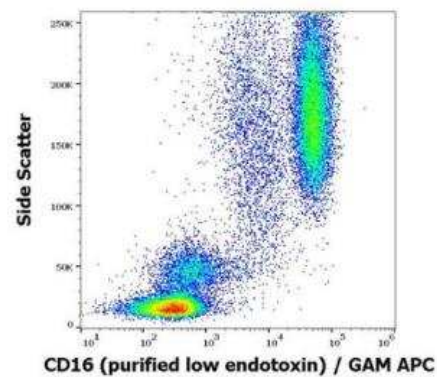


Images

Flow Cytometry: Fc gamma RIII (CD16) Antibody (MEM-154) - Azide Free [NBP2-37713] - Staining of human peripheral blood cells with anti-human CD16 (MEM-154) purified, GAM/APC.



Flow Cytometry: Fc gamma RIII (CD16) Antibody (MEM-154) - Azide Free [NBP2-37713] - Surface staining pattern of human peripheral blood stained using anti-human CD16 (MEM-154) purified antibody (low endotoxin, concentration in sample 2 ug/ml) GAM APC.





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Products Related to NBP2-37713

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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