

Mouse anti-CD16, clone 3G8, FITC (Monoclonal)

Clone no. 3G8

MONOSAN

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Product name	Mouse anti-CD16, clone 3G8, FITC (Monoclonal)
Host	Mouse
Applications	FC
Species reactivity	Human, Rhesus monkey
Conjugate	FITC
Immunogen	Human CD16
Isotype	IgG1k
Clonality	Monoclonal
Clone number	3G8
Size	0.5 ml
Concentration	n/a
Format	-
Storage buffer	PBS with 4mg/ml BSA and 0.1% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

CD16 (FCGR3A) is a 50-65 kDa cell surface molecule that exists in two forms - a transmembranous form expressed by NK cells and some T cells, and a phosphatidylinositol linked form expressed by granulocytes. CD16 is a low affinity receptor for IgG (FcR III), and is an important receptor mediating ADCC by NK cells. Human CD16 is expressed in two forms – FCGR3A and FCGR3B. FCGR3A is associated with the FcepsilonRI-gamma subunit and is responsible for antibody-dependent NK cell cytotoxicity.

**References**

1. Smits SA et al. Front in Immunol 2019
2. Cepeda M et al. Tuberculosis 2013
3. He YY et al. Clin.Immunol 2012
4. -
5. -

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