



Anti-FCGR3A monoclonal antibody, clone LNK16 [Biotin] (CABT-45622MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Mouse anti Human CD16 antibody, clone LNK16 recognizes CD16, a 50-65kDa cell surface molecule which 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. Mouse anti Human CD16 antibody, clone LNK16 has been reported to block the binding of IgG to the CD16 molecule. Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells or 100ul human whole blood.

Specificity	FCGR3A
Immunogen	Normal human peripheral blood granulocytes
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	LNK16
Conjugate	Biotin
Applications	FC
Format	Purified IgG conjugated to Biotin - liquid
Size	100 µg
Preservative	See individual product datasheet
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may

denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	FCGR3A Fc fragment of IgG, low affinity IIIa, receptor (CD16a) [Homo sapiens (human)]
Official Symbol	FCGR3A
Synonyms	FCGR3A; Fc fragment of IgG, low affinity IIIa, receptor (CD16a); CD16; FCG3; CD16A; FCGR3; IGFR3; IMD20; FCR-10; FCRIII; FCGRIII; FCRIIIA; low affinity immunoglobulin gamma Fc region receptor III-A; FcgammaRIIIA; CD16a antigen; fc-gamma RIII; Fc-gamma RII
Entrez Gene ID	2214
Protein Refseq	NP_000560
UniProt ID	O75015
Chromosome Location	1q23
Pathway	Adaptive Immune System; FCGR activation; Fc gamma R-mediated phagocytosis; Fcgamma receptor (FCGR) dependent phagocytosis; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Innate Immune System; Leishmaniasis;
Function	IgG binding;