



Anti-FCGR3B monoclonal antibody, clone YFC120.5 (CABT-45643RH)

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

PRODUCT INFORMATION

Product Overview	Rat anti Human CD16 antibody, clone YFC120.5 binds specifically to the leucocyte low affinity Fc receptor (Fc RIII), also known as CD16. The antigen is expressed by neutrophils, NK cells, K cells and a subpopulation of macrophages. It recognizes a 50-70 kD leucocyte surface antigen. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	FCGR3B
Immunogen	Human neutrophils
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Human, Cat
Clone	YFC120.5
Conjugate	Unconjugated
Applications	IHC-Fr; FC
Format	Purified IgG - liquid
Size	200 µg
Preservative	See individual product datasheet
Storage	Store at +4°C for one month or at -20°C for longer. This product should be stored undiluted. 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	FCGR3B Fc fragment of IgG, low affinity IIIb, receptor (CD16b) [Homo sapiens (human)]
Official Symbol	FCGR3B
Synonyms	FCGR3B; Fc fragment of IgG, low affinity IIIb, receptor (CD16b); CD16; FCG3; CD16b; FCGR3; FCR-10; FCRIII; FCRIIb; low affinity immunoglobulin gamma Fc region receptor III-B; fc-gamma RIIIb; fc-gamma RIII-beta; igG Fc receptor III-1; Fc-gamma receptor II
Entrez Gene ID	2215
Protein Refseq	NP_000561
UniProt ID	P08637
Chromosome Location	1q23
Pathway	Leishmaniasis; Natural killer cell mediated cytotoxicity; Osteoclast differentiation; Phagosome; Staphylococcus aureus infection; Systemic lupus erythematosus; Tuberculosis;
Function	IgG binding;