



# 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

<b>Product Overview</b>	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.
<b>Specificity</b>	FCGR3B
<b>Immunogen</b>	Human neutrophils
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Human, Cat
<b>Clone</b>	YFC120.5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	200 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	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	<a href="#">FCGR3B Fc fragment of IgG, low affinity IIIb, receptor (CD16b) [ Homo sapiens (human) ]</a>
Official Symbol	FCGR3B
Synonyms	FCGR3B; Fc fragment of IgG, low affinity IIIb, receptor (CD16b); CD16; FCG3; CD16b; FCGR3; FCR-10; FCRIII; FCRIIIb; 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	<a href="#">2215</a>
Protein Refseq	<a href="#">NP_000561</a>
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;