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43-1022: Monoclonal Antibody to Human CD32 NALE™ Purified (Clone: 6C4)

Clonality :	Monoclonal
Clone Name :	6C4
Application :	FACS
Reactivity :	Human
Gene :	FCGR2B
Gene ID :	2213
Uniprot ID :	P31994
Alternative Name :	FCG2,Â IGFR2, CDw32, Fc-gamma RII-b
Isotype :	Mouse IgG1, kappa

Description

The 6C4 monoclonal antibody specifically recognizes two isoforms of human CD32, Fc gamma RIIA and Fc gamma RIIB. From alternative mRNA splicing, 6 isoforms of CD32 have been reported. CD32 is a 40 kDa polymorphic transmembrane glycoprotein expressed on monocytes, macrophages, graulocytes, B cells and platelets. The receptor has low affinity toward IgG and is involved in immunomodulation, phagocytosis, and the inflammation response. The 6C4 antibody in a rosette blocking assay is reported to inhibit Ig binding

Product Info

Amount :	50ug / 500 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.