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43-1095: Monoclonal Antibody to Mouse CD16 / CD32 NALE™ Purified (Clone: 2.4G2)

Clonality :	Monoclonal
Clone Name :	2.4G2
Application :	FACS
Reactivity :	Mouse
Gene :	Fcgr2
Gene ID :	14130
Uniprot ID :	P08101
Alternative Name :	Fc gamma receptor IIB, IgG Fc receptor II beta, Lymphocyte antigen 17, Fcgr2b, Ly-17
Isotype :	Rat IgG2b

Description

The 2.4G2 monoclonal antibody specifically reacts with an epitope on the extracellular domain of the mouse CD16 (Fc Gamma III) and CD32 (Fc Gamma II). CD16 and CD32 are low affinity receptors for the IgG Fc domain and are expressed by B lymphocytes, NK cells, kupffer cells, mast cells, monocytes, macrophages, granulocytes, immature thymocytes, neutrophils, and some activated mature T cells. The 2.4G2 antibody blocks the binding of immunoglobulins to CD16 and CD32 and possibly to Fc Gamma I receptor.

Product Info

Amount :	500 µg
Content :	2 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.