

43-1032: Monoclonal Antibody to Human CD64 (Fc gamma Receptor 1) NALE™ Purified (Clone: 10.1)

Clonality :	Monoclonal
Clone Name :	10.1
Application :	FACS
Reactivity :	Human
Gene :	FCGR1A
Gene ID :	2209
Uniprot ID :	P12314
Alternative Name :	FCG1, FCGR1, IGFR1, Fc-gamma RI, Fc-gamma RIA
Isotype :	Mouse IgG1, kappa

Description

The 10.1 monoclonal antibody specifically reacts with human CD64, a 75 kDa type I transmembrane glycoprotein that is the high affinity receptor for IgG. CD64 is expressed on macrophages and dendritic cells and is involved in antibody-dependent cellular toxicity, cytokine release phagocytosis, and endocytosis. The 10.1 antibody is reported to recognize the EC3 epitope of CD64.

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.