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30-2371: Anti-CD32 / FcgammaRII Monoclonal Antibody (Clone:3D3)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	3D3
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	FCGR2B
Gene ID :	2213
Uniprot ID :	P31994
Alternative Name :	FCGR2B,CD32,FCG2,IGFR2
Isotype :	Mouse IgG1
Immunogen Information :	purified glycosylated recombinant human FcgammaRIIa2

Description

CD32 (FcgammaRII) is a low affinity receptor for aggregated IgG. It is strongly expressed on monocytes, granulocytes, myeloid and myeloblastic cell lines, and weakly on B cells, CD34+ bone marrow cells, and resting and activated platelets. After binding its ligand, CD32 induces IgG-mediated phagocytosis and oxidative burst in monocytes and neutrophils, whereas in B cells it mediates a negative signal. This polymorphic transmembrane glycoprotein is expressed not only in the activating (CD32a) and inhibitory isoform (CD32b), but also in individual variants with differing avidities for IgG subtypes (e.g. the CD32a131R and CD32a131H allotypes).

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

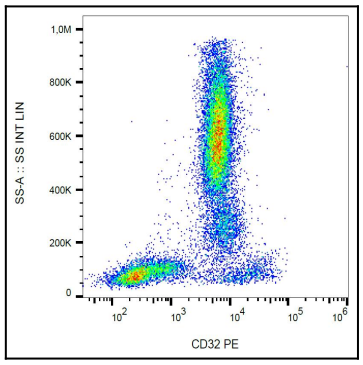


Figure 1: Surface staining of human peripheral blood with anti-human CD32 (3D3) PE.

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