

30-1541: Anti-CD32 / FcγRII Monoclonal Antibody (Clone:3D3)

Clonality :	Monoclonal
Clone Name :	3D3
Application :	FACS
Reactivity :	Human
Gene :	FCGR2B
Gene ID :	2213
Uniprot ID :	P31994
Format :	Purified
Alternative Name :	FCGR2B,CD32,FCG2,IGFR2
Isotype :	Mouse IgG1
Immunogen Information :	purified glycosylated recombinant human FcγRIIa2

Description

CD32 (FcγRII) 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 :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

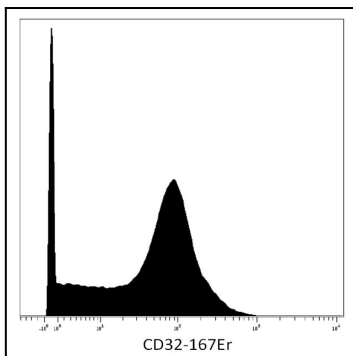


Figure 1: Surface staining (mass cytometry) of human peripheral blood with anti-CD32 (3D3) 167Er. Gated on singlets.