

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3D3
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	FCGR2B
<b>Gene ID :</b>	2213
<b>Uniprot ID :</b>	P31994
<b>Format :</b>	Purified
<b>Alternative Name :</b>	FCGR2B,CD32,FCG2,IGFR2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

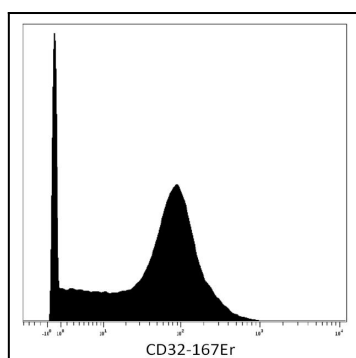


Figure 1: Surface staining (mass cytometry) of human peripheral blood with anti-CD32 (3D3) 167Er. Gated on singlets.