

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

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

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

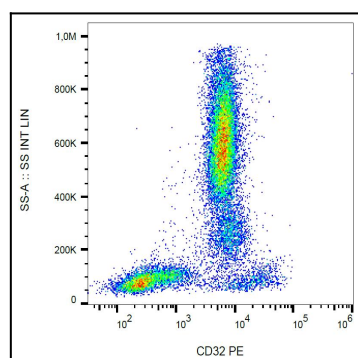


Figure 1: Surface staining of human peripheral blood with anti-human CD32 (3D3) PE.