



# Mouse Anti-Human CD32 mAb (AF647)

<b>Catalog No</b>	BYab-17759
<b>Isotype</b>	IgG2b
<b>Reactivity</b>	Human
<b>Applications</b>	FC
<b>Gene Name</b>	FCGR2B
<b>Alternative Names</b>	Fc fragment of IgG; low affinity IIb; receptor (CD32); CD32; FCG2; CD32B; FCGR2; IGFR2
<b>Research Field</b>	Immunology
<b>Product Categories</b>	Flowcytometry
<b>Host</b>	Mouse
<b>Molecular Weight</b>	-
<b>Clonality</b>	Monoclonal antibody
<b>Clonality No.</b>	IV-3
<b>Dilution</b>	FC: 5 $\mu$ L per test for million cells or whole blood in 100 $\mu$ L volume.
<b>Immunogen</b>	A synthesized peptide derived from Human CD32
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	AF647
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Liquid in PBS with 0.05% Proclin300, 1% BSA
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	$\geq$ 90%
<b>Storage</b>	Store at 2-8 $^{\circ}$ C and protected from prolonged exposure to light. Avoid freeze/thaw cycles.
<b>Background</b>	CD32 is a 40 kD polymorphic transmembrane glycoprotein also known as Fc $\gamma$ RII and FCRII. It is an immunoglobulin superfamily member expressed on monocytes/macrophages, granulocytes, platelets and B cells. There are at least 6 isoforms of CD32 resulting from alternative mRNA splicing. CD32 mediates phagocytosis and oxidative burst in granulocytes, as well as platelet aggregation

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and immunomodulation. The extracellular domain of CD32 binds to polymeric and aggregated IgG and immune complexes, while the intracellular domain has been reported to associate with SHP-1 (B1 isoform).

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**