

**CD64 (PN0649) Nb-FC recombinant antibody**

<b>Catalog No :</b>	YA0651
<b>Reactivity :</b>	Human
<b>Applications :</b>	FCM;ELISA
<b>Target :</b>	CD64
<b>Fields :</b>	>>Phagosome;>>Osteoclast differentiation;>>Neutrophil extracellular trap formation;>>Hematopoietic cell lineage;>>Fc gamma R-mediated phagocytosis;>>Leishmaniasis;>>Staphylococcus aureus infection;>>Tuberculosis;>>Transcriptional misregulation in cancer;>>Acute myeloid leukemia;>>Systemic lupus erythematosus
<b>Gene Name :</b>	FCGR1A FCG1 FCGR1 IGFR1
<b>Protein Name :</b>	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma R1A) (FcgammaR1a) (CD antigen CD64)
<b>Human Gene Id :</b>	2209
<b>Human Swiss Prot No :</b>	P12314
<b>Mouse Gene Id :</b>	14129
<b>Mouse Swiss Prot No :</b>	P26151
<b>Immunogen :</b>	Purified recombinant human CD64
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD64 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000;FCM 1-2µg/Test

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<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	45kD
<b>Cell Pathway :</b>	Hematopoietic cell lineage;Fc gamma R-mediated phagocytosis;Systemic lupus erythematosus;
<b>Background :</b>	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.,online information:FCGR1A mutation db,PTM:N-glycosylated.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the immunoglobulin superfamily. FCGR1 family.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Stabilized at the cell membrane through interaction with FCER1G.,subunit:Interacts with FCERG1; forms a functional signaling complex. Interacts with FLNA; prevents FCGR1A degradation. Interacts with EPB41L2, LAT and PPL.,tissue specificity:Monocyte/macrophage specific.,
<b>Subcellular Location :</b>	Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.
<b>Expression :</b>	Monocyte/macrophage specific.

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