

## CD64 (PN0459) Nb-FC recombinant antibody

CatalogNo: YA0403 **Recombinant** 

### Key Features

#### Reactivity

- Human

#### Applications

- Flow Cyt,ELISA

#### MW

- 45kD (Observed)

### Recommended Dilution Ratios

**ELISA 1:5000-100000****Flow Cyt 1-2µg/Test**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Phosphate-buffered solution

### Basic Information

**Source** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Purification** Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell**Clone Number** PN0459

### Immunogen Information

**Immunogen** Purified recombinant human CD64**Specificity** This recombinant monoclonal antibody can detects endogenous levels of CD64 protein.

## | Target Information

Gene name	FCGR1A FCG1 FCGR1 IGFR1		
Protein Name	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I) (Fc-gamma RI) (FcRI) (Fc-gamma RIA) (FcgammaRIa) (CD antigen CD64)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">2209;</a>	<a href="#">P12314;</a>
	Mouse	<a href="#">14129;</a>	<a href="#">P26151;</a>
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.		
Tissue specificity	Monocyte/macrophage specific.		
Function	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 FCER1G; forms a functional signaling complex. Interacts with FLNA; prevents FCGR1A degradation. Interacts with EPB41L2, LAT and PPL.,tissue specificity:Monocyte/macrophage specific.,		

## | Validation Data

## | Contact information

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Please scan the QR code to access additional product information:  
**CD64 (PN0459) Nb-FC recombinant antibody**

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