

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

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

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 detect 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	3383 ;	P12314 ;
	Mouse	14129 ;	P26151 ;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Stabilized at the cell membrane through interaction with FCER1G.		
Tissue specificity	Blood,Kidney,Liver,Melanoma,Plasma		
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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