

CD68 (PN0491) Nb-FC recombinant antibody

CatalogNo: YA0140 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

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 PN0491

Immunogen Information

Immunogen Purified recombinant Human CD68

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD68 protein.

Target Information

Gene name	CD68		
Protein Name	Macrosialin (Gp110) (CD antigen CD68)		
	Organism	Gene ID	UniProt ID
	Human	968 ;	P34810 ;
Cellular Localization	[Isoform Short]: Cell membrane; Single-pass type I membrane protein.; [Isoform Long]: Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein.		
Tissue specificity	Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.		
Function	Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Bind to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes, lysosomes to the plasma membrane may allow macrophages to crawl over selectin bearing substrates or other cells.,PTM:N- and O-glycosylated.,similarity:Belongs to the LAMP family.,tissue specificity:Highly expressed by blood monocytes and tissue macrophages. Also expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.,		

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
CD68 (PN0491) Nb-FC recombinant antibody

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