

CD131 (PN0625) Nb-FC recombinant antibody

CatalogNo: YA0621 **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 PN0625

Immunogen Information

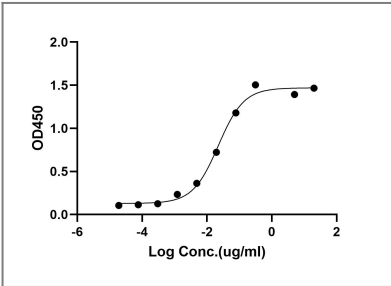
Immunogen Purified recombinant Human CD131

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD131 protein.

Target Information

Gene name	CSF2RB IL3RB IL5RB		
Protein Name	Cytokine receptor common subunit beta (CDw131) (GM-CSF/IL-3/IL-5 receptor common beta subunit) (CD antigen CD131)		
	Organism	Gene ID	UniProt ID
	Human	3565 ;	P32927 ;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Blood,PCR rescued clones		
Function	Cell surface receptor that plays a role in immune response and controls the production and differentiation of hematopoietic progenitor cells into lineage-restricted cells. Acts by forming an heterodimeric receptor through interaction with different partners such as IL3RA, IL5RA or CSF2RA (PubMed:1495999). In turn, participates in various signaling pathways including interleukin-3, interleukin-5 and granulocyte-macrophage colony-stimulating factor/CSF2 pathways. In unstimulated conditions, interacts constitutively with JAK1 and ligand binding leads to JAK1 stimulation and subsequent activation of the JAK-STAT pathway (PubMed:9516124).		

Validation Data



Contact information

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