

CD73 (PN0376) Nb-FC recombinant antibody

CatalogNo: YA0071 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Recommended Dilution Ratios

ELISA 1:5000-100000

Flow Cyt 1-2µg/Test

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 PN0376

Immunogen Information

Immunogen Purified recombinant Human CD73

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD73 protein.

Target Information

Gene name	NT5E NT5 NTE		
Protein Name	5'-nucleotidase (5'-NT) (Ecto-5'-nucleotidase) (CD antigen CD73)		
	Organism	Gene ID	UniProt ID
	Human	8842;	P21589;
Cellular Localization	Cell membrane ; Lipid-anchor, GPI-anchor .		
Tissue specificity	Isoform 1 is selectively expressed on CD34 hematopoietic stem and progenitor cells in adult and fetal bone marrow, fetal liver, cord blood and adult peripheral blood. Isoform 1 is not detected on other blood cells. Isoform 1 is also expressed in a number of non-lymphoid tissues including retina, pancreas, placenta, kidney, liver, lung, brain and heart. Found in saliva within small membrane particles. Isoform 2 is predominantly expressed in fetal liver, skeletal muscle, kidney, and heart as well as adult pancreas, kidney, liver, lung, and placenta. Isoform 2 is highly expressed in fetal liver, low in bone marrow, and barely detectable in peripheral blood. Isoform 3 is expressed on hematopoietic stem cells and in epidermal basal cells (at protein level). Expressed in adult retina by rod and cone photoreceptor cells (at protein level)		
Function	Catalytic activity:A 5'-ribonucleotide + H(2)O = a ribonucleoside + phosphate.,cofactor:Zinc.,Disease:There is a decrease in the activity of NT5 in B-cell chronic lymphocytic leukemia.,Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.,similarity:Belongs to the 5'-nucleotidase family.,subunit:Homodimer; disulfide-linked.,		

| Validation Data

| Contact information

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Please scan the QR code to access additional product information:
CD73 (PN0376) Nb-FC recombinant antibody

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