

CD73 (PN0525) Nb-FC recombinant antibody

Catalog No :	YA0501
Reactivity :	Human
Applications :	ELISA;FCM
Target :	CD73
Gene Name :	NT5E NT5 NTE
Protein Name :	5'-nucleotidase (5'-NT) (EC 3.1.3.5) (Ecto-5'-nucleotidase) (CD antigen CD73)
Human Gene Id :	4907
Human Swiss Prot No :	P21589
Immunogen :	Purified recombinant Human CD73
Specificity :	This recombinant monoclonal antibody can detects endogenous levels of CD73 protein.
Formulation :	Phosphate-buffered solution
Source :	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
Dilution :	ELISA 1:5000-100000;FCM 1-2µg/Test
Purification :	Recombinant Expression and Affinity purified
Concentration :	Please check the information on the tube
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Cell Pathway :	Purine metabolism;Pyrimidine metabolism;Nicotinate and nicotinamide metabolism;
Background :	The protein encoded by This gene is a plasma membrane protein that catalyzes

the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in This gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for This gene.[provided by RefSeq, Mar 2011]

Function :

catalytic activity:A 5'-ribonucleotide + H₂O = 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.,

**Subcellular
Location :**

Cell membrane ; Lipid-anchor, GPI-anchor .

Expression :

Leukocyte,Liver,Placenta,Skin

Products Images