

## CD73 (PN0522) Nb-FC recombinant antibody

<b>Catalog No :</b>	YA0498
<b>Reactivity :</b>	Human
<b>Applications :</b>	ELISA
<b>Target :</b>	CD73
<b>Gene Name :</b>	NT5E NT5 NTE
<b>Protein Name :</b>	5'-nucleotidase (5'-NT) (EC 3.1.3.5) (Ecto-5'-nucleotidase) (CD antigen CD73)
<b>Human Gene Id :</b>	4907
<b>Human Swiss Prot No :</b>	P21589
<b>Immunogen :</b>	Purified recombinant Human CD73
<b>Specificity :</b>	This recombinant monoclonal antibody can detects endogenous levels of CD73 protein.
<b>Formulation :</b>	Phosphate-buffered solution
<b>Source :</b>	Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell
<b>Dilution :</b>	ELISA 1:5000-100000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Concentration :</b>	Please check the information on the tube
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
<b>Cell Pathway :</b>	Purine metabolism;Pyrimidine metabolism;Nicotinate and nicotinamide metabolism;
<b>Background :</b>	The protein encoded byThis 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]

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**Function :**

catalytic activity:A 5'-ribonucleotide + H<sub>2</sub>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.,

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**Subcellular Location :**

Cell membrane ; Lipid-anchor, GPI-anchor .

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**Expression :**

Leukocyte,Liver,Placenta,Skin

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## Products Images