

CD73 Polyclonal Antibody

Catalog No :	YT5254
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	CD73
Fields :	>>Purine metabolism;>>Pyrimidine metabolism;>>Nicotinate and nicotinamide metabolism;>>Metabolic pathways;>>Nucleotide metabolism
Gene Name :	NT5E
Protein Name :	5'-nucleotidase
Human Gene Id :	4907
Human Swiss Prot No :	P21589
Mouse Swiss Prot No :	Q61503
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human NT5E. AA range:431-480
Specificity :	CD73 Polyclonal Antibody detects endogenous levels of CD73 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 68kD

Cell Pathway : Purine metabolism;Pyrimidine metabolism;Nicotinate and nicotinamide metabolism;

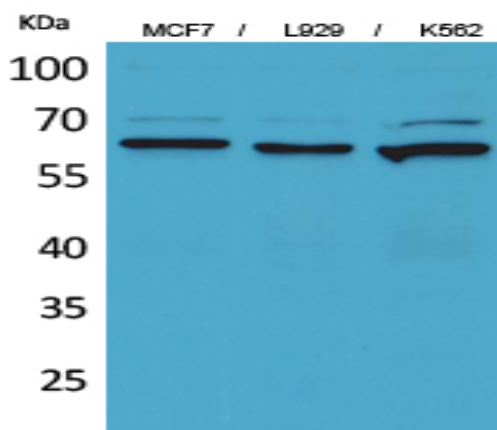
Background : The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints 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 + H(2)O = a ribonucleoside + phosphate.,cofactor:Zinc.,disease:There is a decrease in the activity of NT5 in B-cell chronic lymphocytic leukemia.,function:Hydrolyzes extracellular nucleotides into membrane permeable nucleosides.,similarity:Belongs to the 5'-nucleotidase family.,subunit:Homodimer; disulfide-linked.,

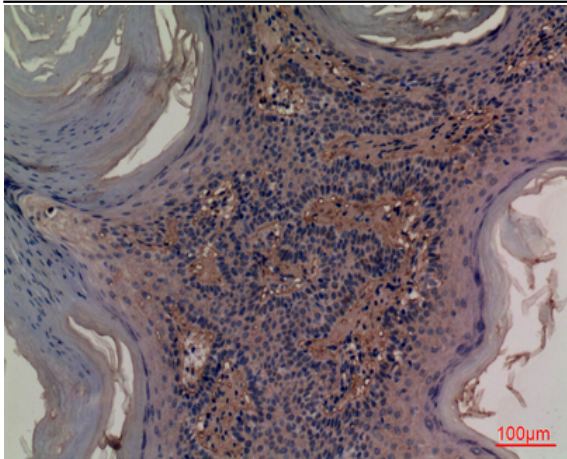
Subcellular Location : Cell membrane ; Lipid-anchor, GPI-anchor .

Expression : Leukocyte,Liver,Placenta,Skin,

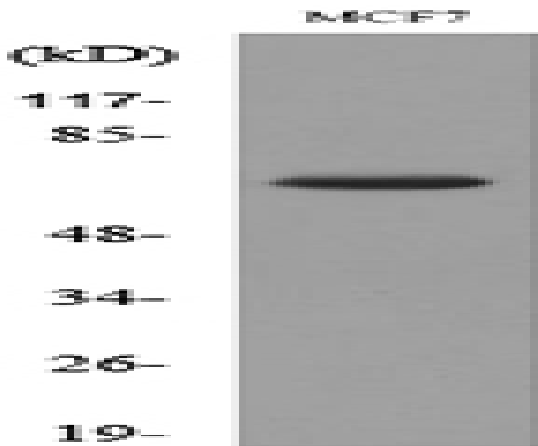
Products Images



Western Blot analysis of MCF7, L929, K562 cells using CD73 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100



Western blot analysis of lysate from MCF7 cells, using NT5E Antibody.