



CD73 Polyclonal Antibody

Catalog No	YP-Ab-13992
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	NT5E
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NT5E;5 NT;5 nucleotidase;5' nucleotidase;ecto (CD73);5'-deoxynucleotidase; CD73;5'-nucleotidase;NT5;NTE;5'-NT;Ecto-5'-nucleotidase
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	Cell membrane ; Lipid-anchor, GPI-anchor .
Tissue Specificity	Leukocyte,Liver,Placenta,Skin,
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.,
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],

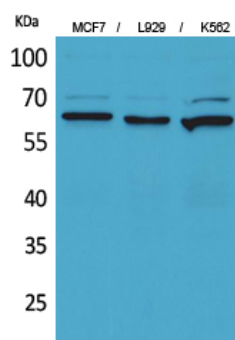
matters needing attention

Avoid repeated freezing and thawing!

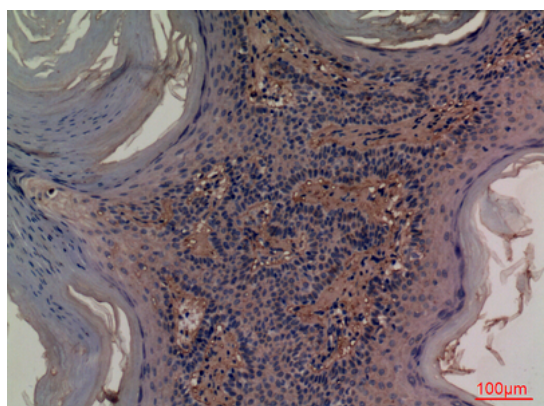
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

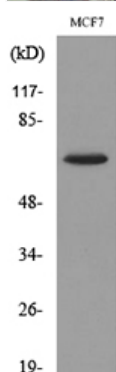
Products Images



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.