



CD73 Rabbit mAb

Catalog No	YP-rAb-17997
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,ELISA
Gene Name	NT5E
Protein Name	5'-nucleotidase
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	NT5E ; NT5 ; NTE ; 5'-nucleotidase ; 5'-NT ; Ecto-5'-nucleotidase ; CD73
Observed Band	70kD
Calculated Molecular Weight	63kD
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],



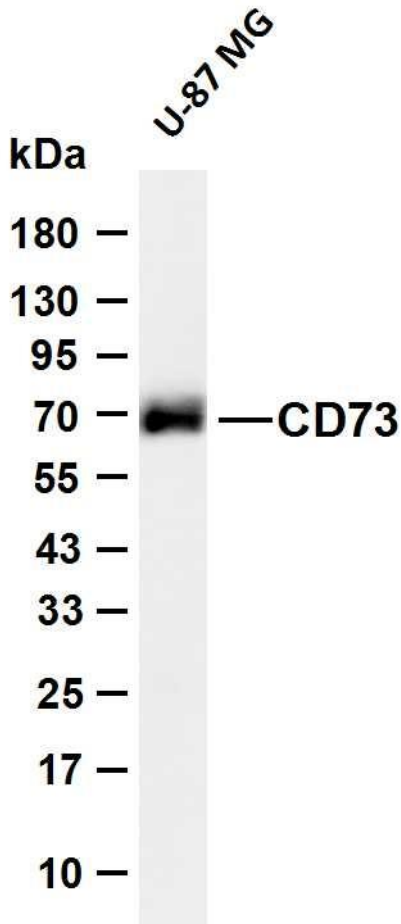


matters needing attention

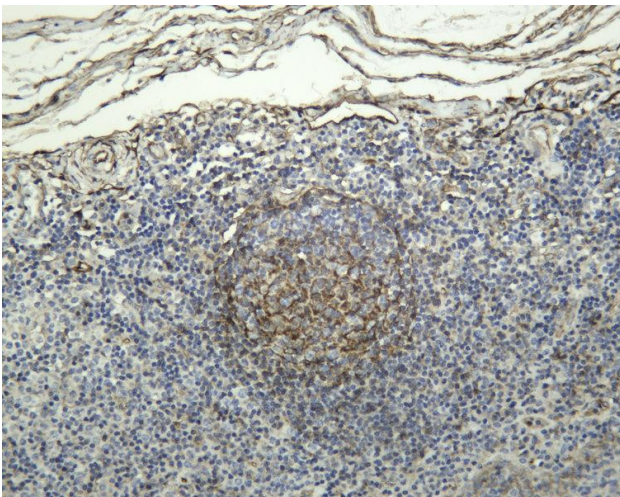
Avoid repeated freezing and thawing!

Usage suggestions

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



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD73 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: U-87 MG Predicted band size: 63kDa Observed band size: 70kDa



Human tonsil was stained with anti-CD73 Rabbit antibody

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