

Datasheet for ABIN7436978
anti-CD73 antibody (AA 29-550)



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1 Image

Overview

Quantity:	100 µL
Target:	CD73 (NT5E)
Binding Specificity:	AA 29-550
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 73 (CD73)
Immunogen:	Recombinant Cluster Of Differentiation 73 (CD73) corresponding to Trp29~phe550 (Accession # P21588)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD73. It has been selected for its ability to recognize CD73 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

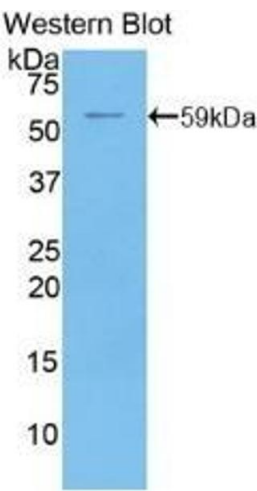
Target:	CD73 (NT5E)
Alternative Name:	CD73 (NT5E Products)
Background:	NT5E, NT5-E, E5NT, E5-NT, NTE, EN, ENT, 5'-Nucleotidase, Ecto
UniProt:	P21588
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunocytochemistry in formalin fixed cells: 5-20 µg/mL, Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL, Immunohistochemistry in paraffin section: 5-20 µg/mL, Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of recombinant CD73 using Polyclonal Antibody to Cluster Of Differentiation 73 (CD73)