

Datasheet for ABIN238367
anti-CD73 antibody (AA 27-252)



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3 Images

Overview

Quantity:	0.1 mL
Target:	CD73 (NT5E)
Binding Specificity:	AA 27-252
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant Human CD73 (aa 27-252) purified from E. coli
Clone:	2B6
Isotype:	IgG2b
Specificity:	This antibody is specific for NT5E/CD73.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Characteristics:	Synonyms: NT5, NTE, NT5E, 5'-nucleotidase
Purification:	Protein-G affinity chromatography

Target Details

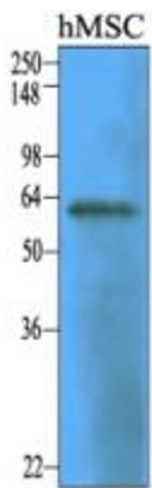
Target:	CD73 (NT5E)
Alternative Name:	CD73 (NT5E Products)
Background:	CD73 (Ecto-5'-nucleotidase, 5'-NT) is a membrane-bound glycoprotein that functions to hydrolyze extracellular nucleoside monophosphates into bioactive nucleoside intermediates. This enables the uptake of adenosine, inosine, and guanosine into the cell and their subsequent reconversion into ATP and GTP in the purine salvage pathway. The expression of CD73 on neuronal cells has been described during developmental processes and, on lymphocytes, CD73 serves as a maturation marker, being absent from the surface of both immature B and T cells. Synonyms: 5'-nucleotidase, NT5, NT5E, NTE
UniProt:	P21589
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	ELISA. Western blot: 1/1,000 - 1/2,000. Immunohistochemistry on Paraffin Sections: 10 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

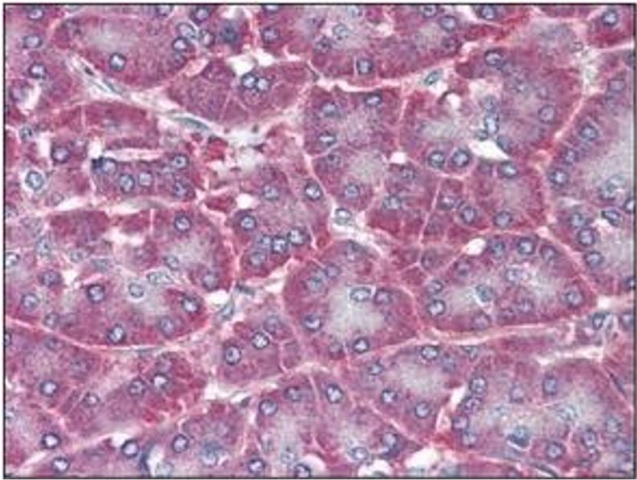
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4 with 0.09 % Sodium Azide as preservative
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 the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months



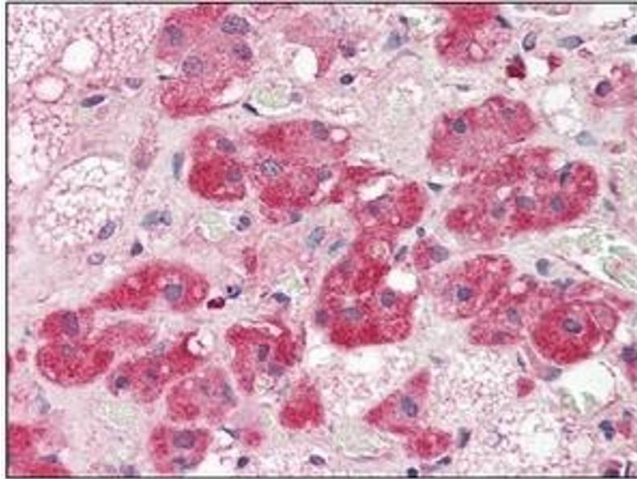
Western Blotting

Image 1.



Immunohistochemistry

Image 2.



Immunohistochemistry

Image 3.