

Datasheet for ABIN306435
anti-CD73 antibody (AA 27-252)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
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), Flow Cytometry (FACS), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant human CD73 (27-252aa) purified from E. coli
Clone:	AT89E9
Isotype:	IgG2b kappa
Purification:	The antibody was purified from mouse ascitic fluids by protein-G affinity chromatography

Target Details

Target:	CD73 (NT5E)
Alternative Name:	5'-Nucleotidase/CD73 (NT5E Products)
Background:	CD73 (Ecto-5-nucleotidase, 5-NT) is a membrane-bound glycoprotein that functions to

Target Details

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.

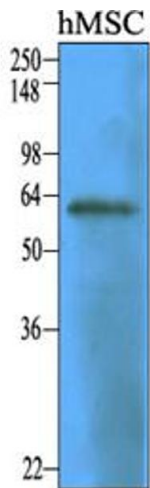
NCBI Accession:	NP_002517
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Recommended dilution 1:1000
Restrictions:	For Research Use only

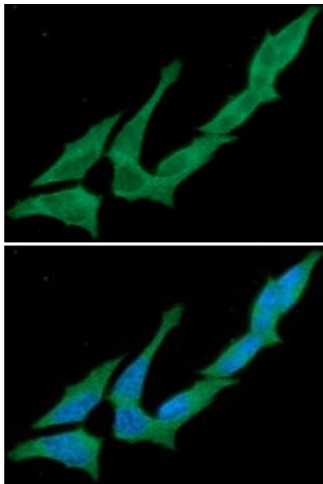
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	In Phosphate-Buffered Saline (pH7.4) with 0.1% Sodium Azide
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,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.



Western Blotting

Image 1.



Immunofluorescence

Image 2. ICC/IF analysis of CD73 in HeLa cells. The cell was stained with ACD0806 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).