

Datasheet for ABIN7596058
anti-CD73 antibody (AA 27-252)



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Overview

Quantity:	100 µL
Target:	CD73 (NT5E)
Binding Specificity:	AA 27-252
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Purpose:	Human 5'-Nucleotidase/CD73 antibody
Immunogen:	Recombinant human 5'-Nucleotidase/CD73 (27-252aa) purified from E. coli
Clone:	AT89E9
Isotype:	IgG2b kappa
Purification:	protein-A 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 hydrolyze extracellular nucleoside monophosphates into bioactive nucleoside intermediates.

Target Details

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: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% 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, -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.