

## Datasheet for ABIN562052 anti-CD73 antibody (AA 28-264)



[Go to Product page](#)

2 Images

3 Publications

### Overview

Quantity:	100 µg
Target:	CD73 (NT5E)
Binding Specificity:	AA 28-264
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD73 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant NT5E.
Immunogen:	NT5E (AAH15940.1, 28 a.a. ~ 264 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	ELTILHTNDV HSRLEQTSSE SSKCVNASRC MGGVARLFTK VQQRRAEPN VLLLDAGDQY QGTIWFTVYK GAEVAHFMNA LRYDAMALGN HEFDNGVEGL IEPLLKEAKF PILSANIKAK GPLASQISGL YLPYKVLPG DEVVGIVGYT SKETPFLSNP GTNLVFEDEI TALQPEVDKL KTLNVNKIIA LGHSGSEMDK LIAQKVRGVD VVVGHSNTF LYTGNCFKRI AWARDMSR
Clone:	4C4-2B5
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

Target: CD73 (NT5E)

Alternative Name: NT5E ([NT5E Products](#))

Background: Full Gene Name: 5'-nucleotidase, ecto (CD73)  
Synonyms: CD73,E5NT,NT,NT5,NTE,eN,eNT

Gene ID: 4907

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

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

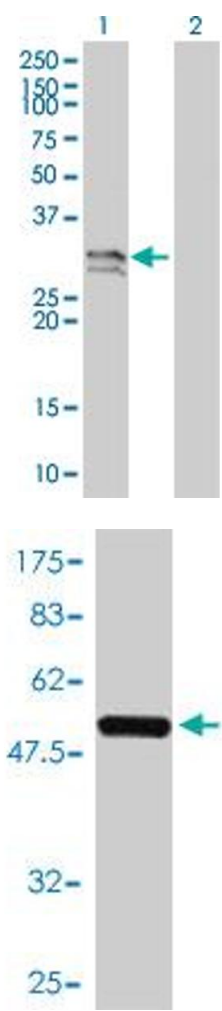
## Publications

Product cited in: Delcourt, Quevedo, Nonne, Fons, OBrien, Loyaux, Diez, Autelitano, Guillemot, Ferrara, Muriana, Callol, Hérault, Herbert, Favre, Bono: "Targeted identification of sialoglycoproteins in hypoxic endothelial cells and validation in zebrafish reveal roles for proteins in angiogenesis." in: **The Journal of biological chemistry**, Vol. 290, Issue 6, pp. 3405-17, (2015) ([PubMed](#)).

Garcia-Esparcia, Hernández-Ortega, Ansoleaga, Carmona, Ferrer: "Purine metabolism gene deregulation in Parkinson's disease." in: **Neuropathology and applied neurobiology**, (2015) ([PubMed](#)).

Crane, Shulgina, Naeher: "Ecto-5'-nucleotidase and intestinal ion secretion by enteropathogenic

Images



Western Blotting

**Image 1.** Western Blot analysis of NT5E expression in transfected 293T cell line by NT5E monoclonal antibody (M01), clone 4C4-2B5.

Lane 1: NT5E transfected lysate(30.36 kDa).

Lane 2: Non-transfected lysate.

Western Blotting

**Image 2.** Western Blot detection against Immunogen (51.81 kDa) .