

Datasheet for ABIN3022734
anti-CD73 antibody (AA 290-550)



[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	CD73 (NT5E)
Binding Specificity:	AA 290-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD73 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 290-550 of human NT5E / CD73 (NP_002517.1).
Sequence:	LKIEFDERGN VISSHGNPIL LNSSIPEDPS IKADINKWRI KLDNYSTQEL GKTIVYLDGS SQSCRFRECN MGNLICDAMI NNNLRHTDEM FWNHVSMCIL NGGGIRSPID ERNNGTITWE NLAAVLPFGG TFDLVQLKGS TLKKA FEHSV HRYGQSTGEF LQVGGIHVVY DLSRKPGDRV VKLDVLCTKC RVPSYDPLKM DEVYKILPN FLANGGDGFQ MIKDELLRHD SGDQDINVVS TYISKMKVIY PAVEGRIKFS T
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

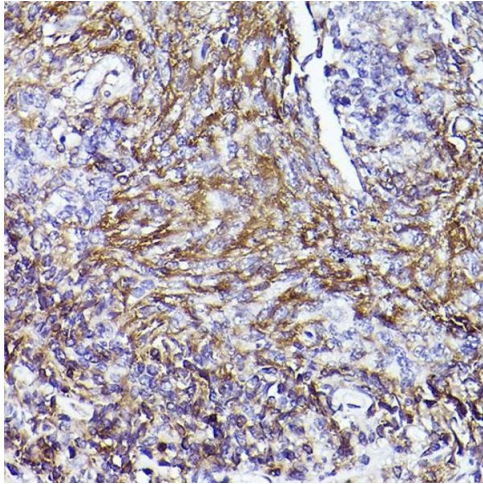
Target:	CD73 (NT5E)
Alternative Name:	NT5E (NT5E Products)
Background:	The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.,NT5E,CALJA,CD73,E5NT,NT,NT5,NTE,eN,eNT,Immunology & Inflammation,CD markers,Stem Cells,Cardiovascular,Hypoxia,NT5E
Molecular Weight:	57 kDa/63 kDa
Gene ID:	4907
UniProt:	P21589
Pathways:	Synaptic Membrane , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

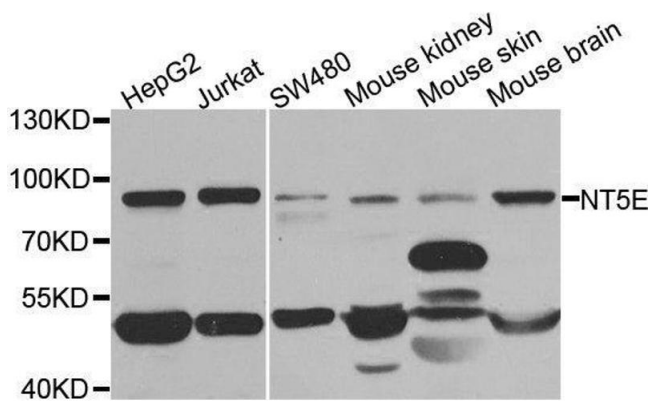
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



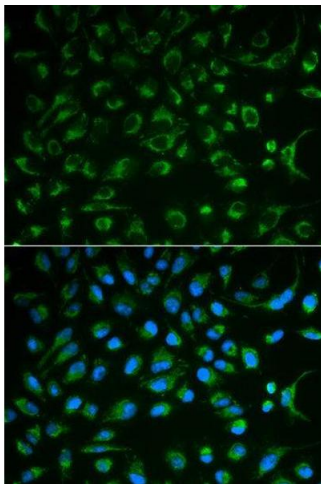
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using [KO Validated] CD73/NT5E Rabbit pAb (ABIN3022733, ABIN3022734, ABIN3022735, ABIN1513283 and ABIN6219201) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NT5E antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of MCF7 cell using NT5E antibody. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3022734.