

Mouse anti-Human CD73 Monoclonal Antibody | anti-CD73 antibody

CD73 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14868	Mouse	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

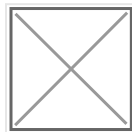
PRODUCT SYNONYMS

CD73; Monoclonal Antibody; CD73 Monoclonal Antibody; anti-CD73 antibody

PRODUCT SPECIFICATIONS

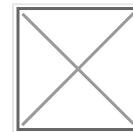
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b, Kappa
Clone Number	ABM40E2
Purity/Purification	Protein G Chromatography
Form/Format	Purified (Liquid)
Concentration	0.5 mg/ml, 200 ul (varies by lot)
Sequence Length	524
Applicable Applications for anti-CD73 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 2 - 4ug/ml IHC: 5ug/ml FACS: 0.2 - 0.5ug/10 ⁶ cells
Content	25 ug in 50 ul/100ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Immunogen	A partial length recombinant CD73 protein (amino acids 145-346) was used as the immunogen for this antibody.
Preparation and Storage	Store antibody at 4°C, stable for up to 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



FCM (Flow Cytometry)

Cell Surface flow analysis of hCD73 in PBMC (Lymphocytes) using 0.2µg/106 cells of CD73 clone (ABM40E2). Green represents isotype control; red represents anti-hCD73 antibody. Goat anti-mouse PE conjugated secondary antibody was used.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CD73 in human spleen using CD73 antibody (Clone: ABM40E2) at 5 ug/ml.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of CD73 in renal cell carcinoma using CD73 antibody (Clone: ABM40E2) at 5 ug/ml.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of CD73 in human liver using CD73 antibody (Clone: ABM40E2) at 5 ug/ml.

**IHC (Immunohistochemistry)**

Immunohistochemical analysis of CD73 in endometrium carcinoma using CD73 antibody (Clone: ABM40E2) at 5 ug/ml.

**WB (Western Blot)**

Expression analysis of CD73. Anti- CD73 antibody (Clone: ABM40E2) was tested at 2 ug/ml on human liver lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD73 antibody	CD73, also known as ecto-5'-nucleotidase, is a glycosyl-phosphatidylinositol linked plasma membrane glycoprotein that is expressed on multiple cell types and in different tissues. It is a key enzyme in the regulation of purinergic signaling and inflammatory reactions. It hydrolyzes extracellular AMP into adenosine, which dampens immune cell activation, and reduces leukocyte trafficking CD73 potently suppresses antitumor T cell responses through its ability to generate adenosine. It has also emerged as an important regulator of tissue homeostasis and pathophysiologic responses related to immunity, inflammation, pain, ischemia, tissue fibrosis and cancer.
Product Categories/Family for anti-CD73 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	325651886
NCBI GeneID	4907
NCBI Accession #	NP_001191742.1
NCBI GenBank Nucleotide #	NM_001204813.1
UniProt Accession #	P21589 ; O75520 ; Q5W116 ; B3KQI8
NCBI Official Full Name	5'-nucleotidase isoform 2 preproprotein
NCBI Official Synonym Full Names	5'-nucleotidase, ecto (CD73)
NCBI Official Symbol	NT5E
NCBI Official Synonym Symbols	NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA
NCBI Protein Information	5'-nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	NT5E
UniProt Synonym Gene Names	NT5; NTE; 5'-NT
UniProt Entry Name	5NTD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd73-antibody-clone-abm40e2-western-blot-immunohistochemistry-flow-cytometry-elisa/14868>