CD73 recombinant antibody

Rabbit anti-CD73 Recombinant Monoclonal Antibody [BLR054F]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213551	**Rabbit**	**Human**	**Immunohistochemistry, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

CD73; Monoclonal Recombinant Antibody; Rabbit anti-CD73 Recombinant Monoclonal Antibody [BLR054F]; eN; NTE; NT5; CALJA; NT; Purine 5-Prime-Nucleotidase; eNT; E5NT; CD antigen CD73; 5'-nucleotidase; 5'-NT; ecto-5'-nucleotidase; 5'-nucleotidase ecto; CD73 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR054F
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for CD73 recombinant antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Residues 27-552 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human CD73 by western blot. Samples: Whole cell lysate (50 ug) from NCI-H226, U2OS, OVCAR-8, Jurkat, IMR-90, LNCaP, Hep-G2, K-562, and GaMG cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD73 recombinant monoclonal antibody (AAA213551 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal .

IHC (Immunohistochemisry)
Detection of human CD73 (red) by immunohistochemistry. Sample: FFPE section of human tonsil. Antibody: Rabbit anti-CD73 recombinant monoclonal antibody (AAA213551 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: Opal. Counterstain: DAPI (blue).

IHC (Immunohiostchemistry)
Detection of human CD73 by immunohistochemistry. Sample: FFPE section of head and neck squamous cell carcinoma. Antibody: Rabbit anti-CD73 recombinant monoclonal antibody (AAA213551 lot 1) used at 1:500. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ICC (Immunocytochemistry)
Detection of human CD73 by immunocytochemistry. Sample: FFPE section of IMR-90 cells. Antibody: Rabbit anti-CD73 recombinant monoclonal antibody (AAA213551 lot 1) used at 1:100. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for CD73 recombinant antibody	CD73 is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. CD73 is used as a determinant of lymphocyte differentiation. [provided by RefSeq, Mar 2011] [taken from NCBI Entrez Gene (Gene ID: 4907)].
Product Categories/Family for CD73 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505467
NCBI GeneID	4907
NCBI Accession #	NP_002517.1
NCBI GenBank Nucleotide #	NM_002526.3
UniProt Accession #	P21589; O75520; Q5W116; B3KQI8
Molecular Weight	57,949 Da
NCBI Official Full Name	5'-nucleotidase isoform 1 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; 5'-NT; ecto-5'-nucleotidase; Purine 5-Prime-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-recombinant-antibody-clone-blr054f-immunohistochemistry-immunocytochemistry-immunohistochemistry-western-blot-elisa/213551