

anti-Human CD73 Antibody | anti-CD73 antibody

Anti-CD73 [AD2]

CATALOG #	REACTIVITY	APPLICATIONS
AAA72308	Human	Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay

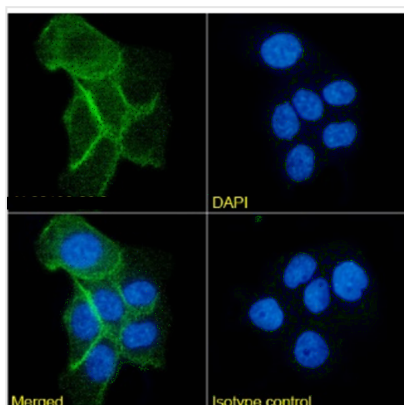
PRODUCT SYNONYMS

CD73; Anti-CD73 [AD2]; NT5E; 5'-NT; 5'-nucleotidase; Ecto-5'-nucleotidase; anti-CD73 antibody

PRODUCT SPECIFICATIONS

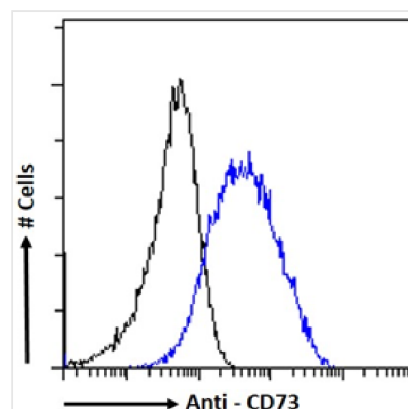
Reactivity	Human
Isotype	Mouse IgG1 kappa
Clone Number	AD2
Specificity	This antibody is specific for human CD73, which is a 70 kD glycoposphatidylinositol (GPI)-linked 5'-nucleotidase. This antibody does not show cross reactivity with mouse CD73.
Purity/Purification	Purified. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD73 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A431 cells with anti-CD73 AD2. Immunofluorescence analysis of paraformaldehyde fixed A431 cells stained with the chimeric rabbit IgG version of AD2 (1:1000 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1500 dilution), showing nuclear staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was anti-fluorescein antibody followed by staining with Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)

Flow-cytometry using the anti-CD73 antibody AD2. A431 cells were stained with an isotype control or the rabbit-chimeric version of AD2 at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using Alexa Fluor 488 conjugated goat anti-rabbit IgG and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-CD73 antibody	The original antibody was generated by immunizing mice with full-length CD73 purified from human placenta.
Product Categories/Family for anti-CD73 antibody	Cancer; oncology

NCBI AND UNIPROT INFORMATION

NCBI GI #	112825
NCBI GeneID	4907
UniProt Accession #	P21589; O75520; Q5W116; B3KQI8
Molecular Weight	574
NCBI Official Full Name	5'-nucleotidase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/cd73/72308>