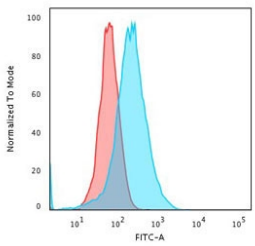
CD73 Antibody [clone CDLA73-1] (V7559)

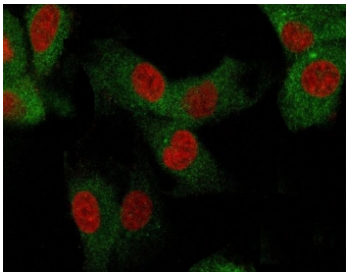
Catalog No.	Formulation	Size
V7559-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7559-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7559SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7559IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

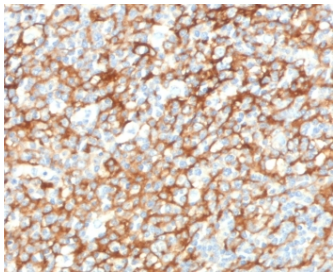
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CDLA73-1
Purity	Protein G affinity chromatography
UniProt	P21589
Localization	Cell surface, cytoplasmic
Applications	ELISA: order BSA-free format for coating Flow cytometry: 1-2ug/million cells Immunofluorescence: 1-2ug/ml Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This CD73 antibody is available for research use only.



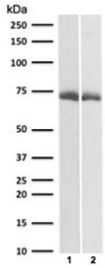
Flow cytometry testing of human U-87 MG cells with CD73 antibody (clone CDLA73-1); Red=isotype control, Blue= CD73 antibody.



Immunofluorescence staining of human U-87 MG cells with CD73 antibody (green, clone CDLA73-1) and Reddot nuclear stain (red).



IHC staining of FFPE human tonsil tissue with CD73 antibody (clone CDLA73-1). HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



Western blot testing of human 1) A431 and 2) PC-3 cell lysate with CD73 antibody (clone CDLA73-1). Predicted molecular weight: 60-70 kDa.

Description

The protein encoded by the NT5E 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. [RefSeq]

Application Notes

Optimal dilution of the CD73 antibody should be determined by the researcher.
1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A recombinant full length human NT5E protein was used as the immunogen for the CD73 antibody.

Storage

Store the CD73 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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