10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD73 Antibody

Catalog # AP95981

Product Information

Application	WB, IHC, FC
Primary Accession	P21589
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	63368

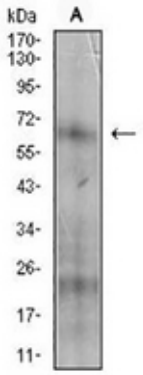
Additional Information

Gene ID	4907
Other Names	NT5; NTE; 5'-nucleotidase; 5'-NT; Ecto-5'-nucleotidase; CD73
Target/Specificity	Recombinant fusion protein of human CD73 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

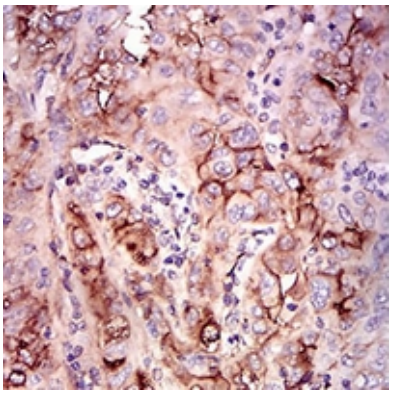
Protein Information

Name	NT5E
Synonyms	NT5, NTE
Function	Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, with AMP being the preferred substrate (PubMed:21933152, PubMed:22997138, PubMed:23142347, PubMed:24887587, PubMed:34403084). Shows a preference for ribonucleotide monophosphates over their equivalent deoxyribose forms (PubMed:34403084). Other substrates include IMP, UMP, GMP, CMP, dAMP, dCMP, dTMP, NAD and NMN (PubMed:21933152, PubMed:22997138, PubMed:23142347, PubMed:24887587, PubMed:34403084).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor

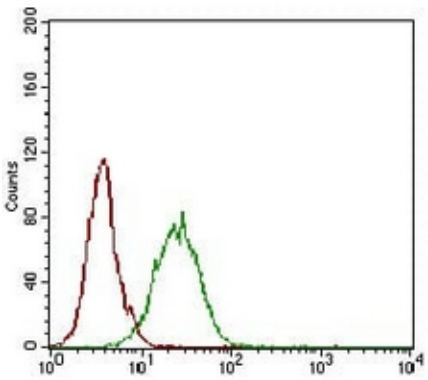
Images



Western blot analysis of CD73 expression in A431 (A) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 63 kD)



Immunohistochemical analysis of CD73 staining in human endometrial cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of A431 cells using Anti-CD73 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.