



## CD73 Antibody

E81107-7

**Catalog Number:** E81107-7**Quantity:** 100ul**Project ID:****Description:** 5'-nucleotidase (5'-NT), also known as ecto-5'-nucleotidase or CD73 is a plasma membrane protein expressed abundantly on endothelial cells and on a subset of leukocytes. It catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides used as a determinant of lymphocyte differentiation. Defects in CD73 can lead to the calcification of joints and arteries.**Storage Instruction:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.**Storage Buffer:** 1\*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.**Product Type:** Rabbit Polyclonal IgG, primary antibodies**Form:** Liquid**Purity:** Immunogen affinity purified**Specificity/Source:** This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of CD73.**Reactivity:** Human Mouse**Applications:** WB: 1:1,000-1:2,000**Molecular Weight:** 63kDa**Swiss-Prot No.:** P21589(human) Q61503(mouse)**Cellular Localization:** Cell nucleus**Positive control:** Human liver**References:**

1. "NT5E mutations and arterial calcifications." St Hilaire C., Ziegler S.G., Markello T.C., Brusco A., Groden C., Gill F., Carlson-Donohoe H., Lederman R.J., Chen M.Y., Yang D., Siegenthaler M.P., Arduino C., Mancini C., Freudenthal B., Stanescu H.C., Zdebik A.A., Chaganti R.K., Nussbaum R.L., Kleta R., Gahl W.A., Boehm M.N. *Engl. J. Med.* 364:432-442(2011)
2. "Isolation and characterization of the promoter of the human 5'-nucleotidase (CD73)-encoding gene." Hansen K.R., Resta R., Webb C.F., Thompson L.F. *Gene* 167:307-312(1995)

