



## 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)

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