

Rabbit anti-Mouse 5'-nucleotidase/CD73/NT5E Polyclonal Antibody | anti-CD73/NT5E antibody

Anti-5'-nucleotidase/CD73/NT5E Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259127	Rabbit	Mouse	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

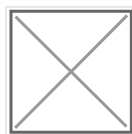
PRODUCT SYNONYMS

5'-nucleotidase/CD73/NT5E; Polyclonal Antibody; Anti-5'-nucleotidase/CD73/NT5E Antibody; Rabbit Polyclonal; 5'-nucleotidase; ecto (CD73); Anti-2210401F01Rik Antibody; Anti-AI447961 Antibody; Anti-CD73 Antibody; Anti-eNT Antibody; Anti-NT Antibody; Anti-Nt5 Antibody; anti-CD73/NT5E antibody

PRODUCT SPECIFICATIONS

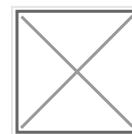
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse 5'-nucleotidase/CD73/NT5E
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD73/NT5E antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse CD73 Protein
Preparation	Produced in rabbits immunized with purified, recombinant Mouse CD73 (rM CD73). CD73 specific IgG was purified by Mouse CD73 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

mNT5E was immunoprecipitated using: Lane A: 0.5 mg Mouse spleen Whole Cell Lysate; 4 uL anti-mNT5E rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-mNT5E rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 63 kDa. Observed band size: 70 kDa.



IHC (Immunohistochemistry)

Immunohistochemical staining of Mouse CD73 in Mouse kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-CD73 rabbit polyclonal antibody at 1:500 dilution Lane A: Mouse spleen tissue lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 63 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CD73/NT5E antibody	5'-nucleotidase, also known as NT5E, NTE, and CD73, is a cell membrane protein that belongs to the 5'-nucleotidase family. CD73 is a glycosylphosphatidylinositol (GPI) anchored purine salvage enzyme expressed on the surface of human T and B lymphocytes. CD73 catalyzes the conversion of purine and pyrimidine ribo- and deoxyribonucleoside monophosphates to the corresponding nucleosides. CD73 serves as a costimulatory molecule in activating T cells. CD73 generated adenosine functions in cell signaling in many physiologic systems, including intestinal epithelium, ischemic myocardium, and cholinergic synapses. CD73 might mediate lymphocyte-stromal cell interactions or condition the local microenvironment to facilitate lymphocyte development and/or function. In CD73-depleted cells, surface levels of the leukocyte adhesion molecules ICAM-1, VCAM-1, and E-selectin increase. CD73 produces extracellular adenosine, which then acts on G protein-coupled purinergic receptors to induce cellular responses. CD73 has also been reported to regulate the expression of pro-inflammatory molecules in mouse endothelium.
References	Resta R. et al., 1997, Cell Signal. 9 (2): 131-9. Yamashita Y. et al., 1998, Eur J Immunol. 28 (10): 2981-90. Louis NA. et al., 2008, J Immunol. 180 (6): 4246-55. Grünewald JK. et al., 2010, J Inflamm. 7 (1): 10.

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/5-nucleotidase-cd73-nt5e-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/259127>