

Product Name: KD-Validated NT5E Mouse Monoclonal Antibody**Catalog #: KVA01867**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 63.4kDa

Antigen Information

Gene Name	NT5E NT5E; 5'-Nucleotidase Ecto; CALJA; CD73; ENT; NT5; EN; IMP-Specific 5'-Nucleotidase; Thymidylate 5'-Phosphatase; 5'-Deoxynucleotidase; Ecto-5'-Nucleotidase; 5'-Nucleotidase;
Alternative Names	EC 3.1.3.5; 5'-NT; NTE; 5'-Nucleotidase, Ecto (CD73); Purine 5-Prime-Nucleotidase; 5' Nucleotidase (CD73); CD73 Antigen; EC 3.1.3.35; EC 3.1.3.89; EC 3.1.3.91; EC 3.1.3.99; E5NT; NT
Gene ID	4907.0
SwissProt ID	P21589
Immunogen	Purified protein of human NT5E

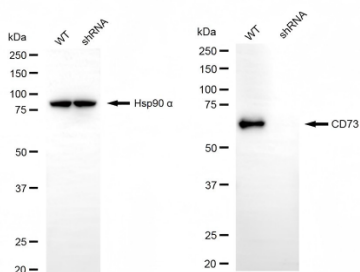
Background

The protein encoded by this 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.[provided by RefSeq, Mar 2011]

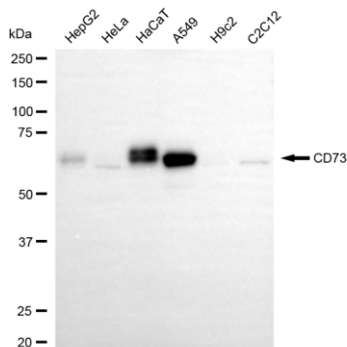
Research Area

Cardiovascular

Image Data



Western blotting analysis using CD73 antibody (KVA01867). CD73 expression in wild-type (WT) and NT5E shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with CD73 antibody (KVA01867, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using CD73 antibody (KVA01867). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with CD73 antibody (KVA01867, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.