

Datasheet for ABIN1426864

anti-ENTPD2 antibody (N-Term) (PE-Cy7)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ENTPD2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Chicken, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ENTPD2 antibody is conjugated to PE-Cy7
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ENTPD2/CD39L1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Sheep, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	ENTPD2
Alternative Name:	ENTPD2/CD39L1 (ENTPD2 Products)
Background:	Synonyms: CD39 antigen like 1, CD39 antigen-like 1, CD39 like1, CD39L1, CD39like1, ecto ATP

Target Details

diphosphohydrolase 2, ecto ATPase 2, ecto ATPDase 2, Ecto-ATP diphosphohydrolase 2, Ecto-ATPase 2, Ecto-ATPDase 2, ectoATPase 2, ectoATPDase 2, Ectonucleoside triphosphate diphosphohydrolase 2, ENTP2_HUMAN, Entpd2, NTPDase 2, NTPDase2.

Background: CD39, also known as ectonucleoside triphosphate diphosphohydrolase 1 (ENP1), is an integral membrane glycoprotein that acts as an extracellular nucleotide-hydrolyzing enzyme. CD39 inhibits ADP-induced platelet aggregation by hydrolyzing ADP to AMP and ultimately generating adenosine. Intracellular CD39 undergoes glycosylation at 6 N-glycosylation sites and translocates to the membrane in order to be an active enzyme. CD39L1 is a 495 amino acid multi-pass membrane protein that requires calcium and magnesium cofactors to hydrolyze ATP and other nucleotides in the regulation of purinergic neurotransmission. CD39L1 is expressed in kidney, colon, heart, testis, pancreas, brain, prostate, skeletal muscle, small intestine and ovaries. There are two isoforms of CD39L1 that are produced as a result of alternative splicing events.

Molecular Weight: 54kDa

Application Details

Application Notes: FCM(1:100-500)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months