

CD39 Rabbit pAb

CatalogNo: YT5586

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 56kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:10000

Not yet tested in other applications.

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human ENTPD1. AA range: 31-80

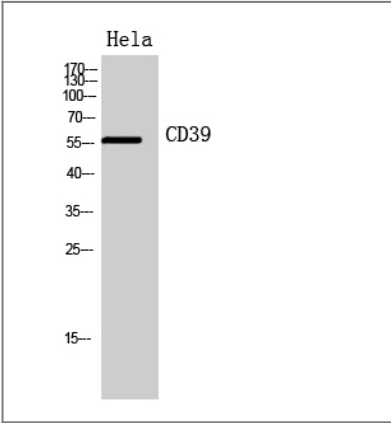
Specificity

CD39 Polyclonal Antibody detects endogenous levels of CD39 protein.

Target Information

Gene name	ENTPD1		
Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1		
	Organism	Gene ID	UniProt ID
	Human	953 ;	P49961 ;
	Mouse	12495 ;	P55772 ;
	Rat	64519 ;	P97687 ;
Cellular Localization	Membrane ; Multi-pass membrane protein .		
Tissue specificity	Expressed primarily on activated lymphoid cells. Also expressed in endothelial tissues. Isoform 1 and isoform 3 are present in both placenta and umbilical vein, whereas isoform 2 is present in placenta only.		
Function	Catalytic activity:ATP + 2 H(2)O = AMP + 2 phosphate.,cofactor:Calcium.,cofactor:Magnesium.,Function:In the nervous system, could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Could also be implicated in the prevention of platelet aggregation. Hydrolyzes ATP and ADP equally well.,PTM:Palmitoylated in the N-terminal part.,PTM:The N-terminus is blocked.,similarity:Belongs to the GDA1/CD39 NTPase family.,subunit:Homodimer; disulfide-linked.,tissue specificity:Expressed primarily on activated lymphoid cells. Also expressed in endothelial tissues. The vascular isoform and the placental isoform II are present in both placenta and umbilical vein, whereas placental isoform I is present in placenta only.,		

| Validation Data



Western Blot analysis of HeLa cells using CD39 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

| Contact information

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CD39 Rabbit pAb

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