

NT5C rabbit monoclonal antibody

Catalog # H00030833-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NT5C peptide using ARM Technology.
Immunogen	A synthetic peptide of human NT5C is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NT5C peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NT5C

Entrez GeneID	30833
GeneBank Accession#	NT5C
Gene Name	NT5C
Gene Alias	DNT, DNT1, P5N2, PN-I, PN-II, UMPH2, cdN, dNT-1
Gene Description	5', 3'-nucleotidase, cytosolic
Omim ID	191720
Gene Ontology	Hyperlink
Gene Summary	Pyrimidine 5-prime nucleotidase (P5N; EC 3.1.3.5), also called uridine 5-prime monophosphate hydrolase (UMPH), catalyzes the dephosphorylation of the pyrimidine 5-prime monophosphates UMP and CMP to the corresponding nucleosides. There are 2 isozymes of pyrimidine 5-prime nucleotidase in red blood cells, referred to as type I (UMPH1; MIM 606224) and type II (UMPH2).[supplied by OMIM]
Other Designations	5' nucleotidase, deoxy (pyrimidine), cytosolic type C 5',3'-nucleotidase, cytosolic uridine 5'-monophosphate phosphohydrolase 2 uridine 5-prime monophosphate hydrolase 2

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)