

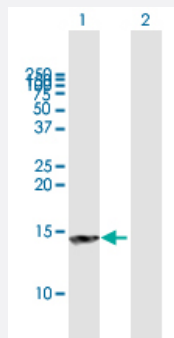
MaxPab®

NT5C purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00030833-B01P

Size 50 ug

Applications

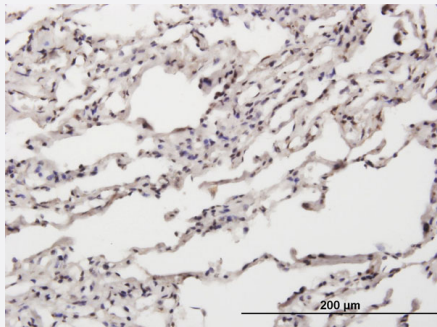


Western Blot (Transfected lysate)

Western Blot analysis of NT5C expression in transfected 293T cell line ([H00030833-T01](#)) by NT5C MaxPab polyclonal antibody.

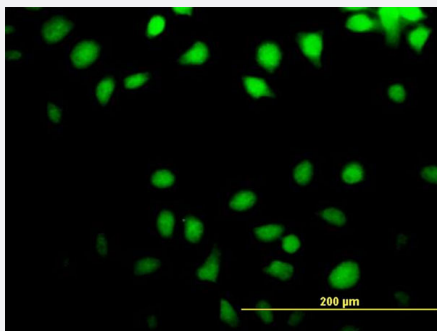
Lane 1: NT5C transfected lysate (12.87 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to NT5C on formalin-fixed paraffin-embedded human lung. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NT5C on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NT5C protein.

Immunogen	NT5C (AAH08183.1, 1 a.a. ~ 117 a.a) full-length human protein.
Sequence	MARSVRVLVDMDGVLADFEAGLLRGFRRRFPEEPHVPLEQRRGFLAREQYRALRPDLADKVAS VYEAPGFFLDLEPIPGALDAVREMNDLPDPLLKYHHCVGEKVWLPRPYSARGAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (80)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to NT5C on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NT5C

Entrez GeneID	30833
GeneBank Accession#	BC008183.1
Protein Accession#	AAH08183.1

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](#)