

NP rabbit monoclonal antibody

Catalog # H00004860-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NP peptide using ARM Technology.
Immunogen	A synthetic peptide of human NP 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 NP 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 — NP

Entrez GeneID	4860
GeneBank Accession#	NP
Gene Name	NP
Gene Alias	FLJ94043, FLJ97288, FLJ97312, MGC117396, MGC125915, MGC125916, PNP, PRO1837, P UNP
Gene Description	nucleoside phosphorylase
Omim ID	164050
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme which reversibly catalyzes the phosphorolysis of purine nucleoside s. The enzyme is trimeric, containing three identical subunits. Mutations which result in nucleoside phosphorylase deficiency result in defective T-cell (cell-mediated) immunity but can also affect B-cell immunity and antibody responses. Neurologic disorders may also be apparent in patients with immune defects. A known polymorphism at aa position 51 that does not affect enzyme activity has been described. A pseudogene has been identified on chromosome 2. [provided by RefSeq
Other Designations	inosine phosphorylase purine nucleoside phosphorylase

Pathway

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

Disease

- [Alzheimer disease](#)

- [Cognition Disorders](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)