



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NP monoclonal antibody (M01), clone 6E5

Catalog # : H00004860-M01

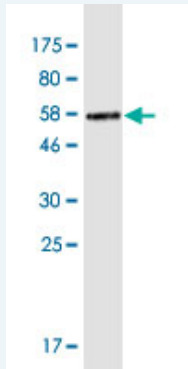
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant NP.
Immunogen:	NP (NP_000261.1, 1 a.a. ~ 289 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MENGYTYEDYKNTAEWLLSHTKHRPQVAIICGSLGGLTDKLTQAQIFD YGEIPNFPRSTVPGHAGRLVFGFLNGRACVMMQGRFHMYEGYPLWKVT FPVRVFLHLLGVDTLVVTNAAGGLNPKFEVGDIMLIRDHINLPGFSGQNPL RGPNDERFGDRFPAMSDAYDRTMRQRALSTWKQMGEQRELQEGTYV MVAGPSFETVAECRVLQKLGADAVGMSTVPEVIVARHCGLRVFGFSLIT NKVIMDYESLEKANHEEVLAAGKQAAQKLEQFVSILMASIPLPKAS
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (58.5 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

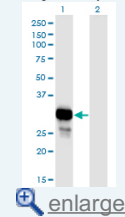
Datasheet:  [Download](#)

Applications

Western Blot (Transfected lysate)

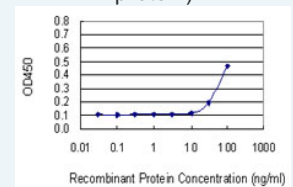
Application Image

Western Blot (Transfected lysate)



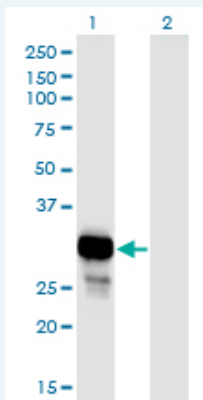
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA



Western Blot analysis of NP expression in transfected 293T cell line by NP monoclonal antibody (M01), clone 6E5.

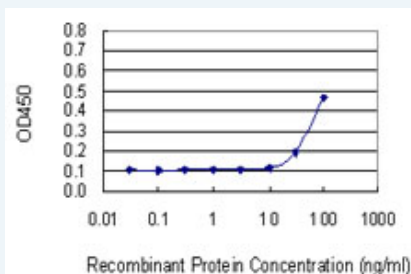
Lane 1: NP transfected lysate (Predicted MW: 32.1 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged NP is 10 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4860](#)

GeneBank [NM_000270.1](#)

Accession#:

Protein [NP_000261.1](#)

Accession#:

Gene Name: NP

Gene Alias: [FLJ94043](#), [FLJ97288](#), [FLJ97312](#), [MGC117396](#), [MGC125915](#), [MGC125916](#), [PNP](#), [PRO1837](#), [PUNP](#)

Gene Description: nucleoside phosphorylase

Omim ID: [164050](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes an enzyme which reversibly catalyzes the phosphorylation of purine nucleosides. 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

Gene Pathway

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

Related Disease

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[Genetic Predisposition to Disease](#)

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