

Datasheet for ABIN948191
anti-PNP antibody (AA 1-289)



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3 Images

Overview

Quantity:	100 µg
Target:	PNP (NP)
Binding Specificity:	AA 1-289
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PNP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	MENGYTYEDY KNTAEWLLSH TKHRPQVAII CGSGLGGLTD KLTQAQIFDY GEIPNFPRST VPGHAGRLVF GFLNGRACVM MQGRFHMYEG YPLWKVTFPV RVFHLLGVDT LVVTNAAGGL NPKFEVGDIM LIRDHINLPG FSGQNPLRGP NDERFGDRFP AMSDAYDRTM RQRALSTWKQ MGEQRELQEG TYVMVAGPSF ETVAECRVLQ KLGADAVGMS TVPEVIVARH CGLRVFGFSL ITNKVIMDYE SLEKANHEEV LAAGKQAAQK LEQFVSILMA SIPLPKAS
Clone:	6E5
Isotype:	IgG2a
Cross-Reactivity:	Human

Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: PNP (NP)

Alternative Name: nucleoside phosphorylase ([NP Products](#))

Target Type: Viral Protein

Background: Full Gene Name: nucleoside phosphorylase

Synonyms:

FLJ94043,FLJ97288,FLJ97312,MGC117396,MGC125915,MGC125916,PNP,PRO1837,PUNP

Gene ID: 4860

NCBI Accession: [NM_000270](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Ribonucleoside Biosynthetic Process](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

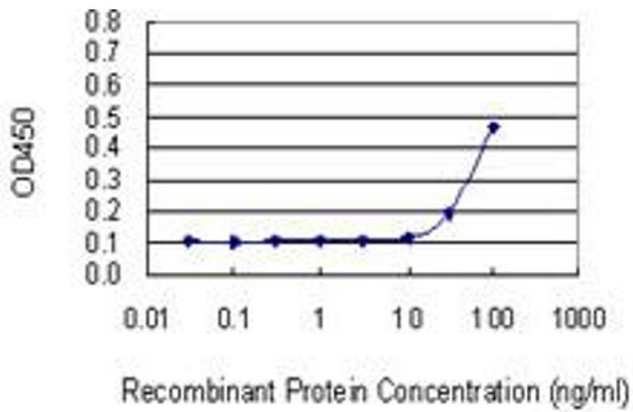
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

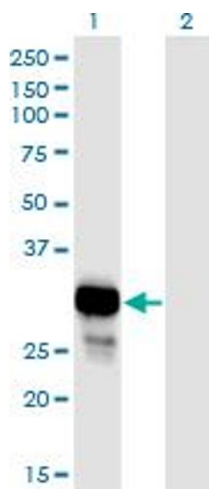
Storage: -20 °C

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



ELISA

Image 1. Detection limit for recombinant GST tagged NP is 10 ng/ml as a capture antibody.

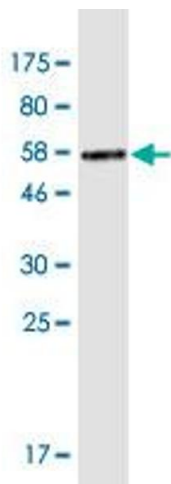


Western Blotting

Image 2. 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.



Western Blotting

Image 3. Western Blot detection against Immunogen (58.5 kDa).