



# PNCB mouse mAb

Catalog No	BYmab-12250
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	NAPRT1 FHIP
Protein Name	PNCB
Immunogen	Synthesized peptide derived from human PNCB AA range: 134-184
Specificity	This antibody detects endogenous levels of PNCB at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	
Function	catalytic activity:Nicotinate D-ribonucleotide + diphosphate = nicotinate + 5-phospho-alpha-D-ribose 1-diphosphate.,function:Catalyzes the conversion of nicotinic acid (NA) to NA mononucleotide (NaMN). Essential for NA to increase cellular NAD levels and prevent oxidative stress of the cells.,pathway:Cofactor biosynthesis; NAD(+) biosynthesis; nicotinate ribonucleotide from nicotinate: step 1/1.,similarity:Belongs to the NAPRTase family.,
Background	Nicotinic acid (NA; niacin) is converted by nicotinic acid phosphoribosyltransferase (NAPRT; EC 2.4.2.11) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD), which serves as a coenzyme in cellular redox reactions and is an essential component of a variety of processes in cellular

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metabolism including response to stress (Hara et al., 2007).[supplied by OMIM, Mar 2008],

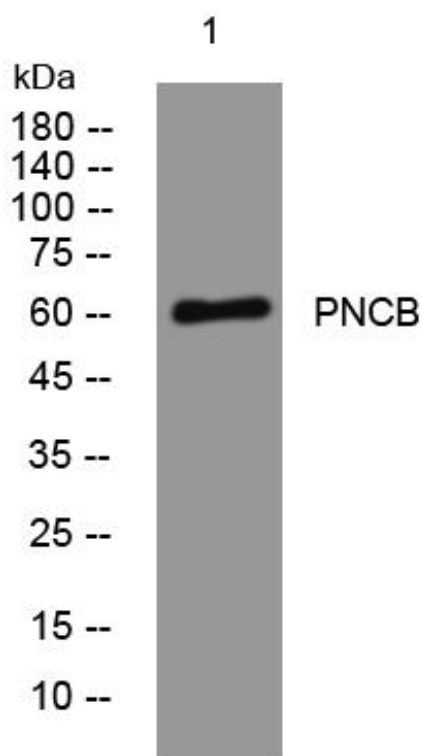
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using PNCB mouse mAb

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