



## PKI $\beta$ Monoclonal Antibody

Catalog No	YP-mAb-04093
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PKIB
Protein Name	cAMP-dependent protein kinase inhibitor beta
Immunogen	The antiserum was produced against synthesized peptide derived from human IPKB. AA range:29-78
Specificity	PKI $\beta$ Monoclonal Antibody detects endogenous levels of PKI $\beta$ protein.
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 1:500-1:2000
Concentration	1 mg/ml
Purity	$\geq 90\%$
Storage Stability	-20°C/1 year
Synonyms	PKIB; PRKACN2; cAMP-dependent protein kinase inhibitor beta; PKI-beta
Observed Band	
Cell Pathway	nucleus,cytoplasm,
Tissue Specificity	Placenta,
Function	function:Extremely potent competitive inhibitor of cAMP-dependent protein kinase activity, this protein interacts with the catalytic subunit of the enzyme after the cAMP-induced dissociation of its regulatory chains.,similarity:Belongs to the PKI family.,
Background	protein kinase (cAMP-dependent, catalytic) inhibitor beta(PKIB) Homo sapiens This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012],
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**