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## AMPKβ1 Mouse mAb(Mix-mA)

Catalog No	YP-Ab-04800
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	IHC;WB
Gene Name	PRKAB1 AMPK
Protein Name	ΑΜΡΚβ1
Immunogen	Synthesized peptide derived from human AMPKβ1
Specificity	This antibody detects endogenous levels of AMPKβ1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.41% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IHC-p1:50-200 ,WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	5'-AMP-activated protein kinase subunit beta-1 (AMPK subunit beta-1) (AMPKb)
Observed Band	38kD
Observed Band Cell Pathway	38kD nucleus,nucleoplasm,cytosol,nucleotide-activated protein kinase complex,
Cell Pathway	nucleus,nucleoplasm,cytosol,nucleotide-activated protein kinase complex,



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beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit may be a positive regulator of AMPK activity. The myristoylation and phosphorylation of this subunit have been shown to affect the enzyme activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex. [provided]

matters needing attention

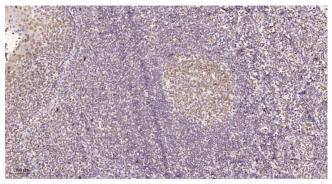
Avoid repeated freezing and thawing!

**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 1)Jurkat Cell, 2) Mouse Brain, 3) PC12 Cell Lysate using AMPK β1Mouse Monoclonal mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).