

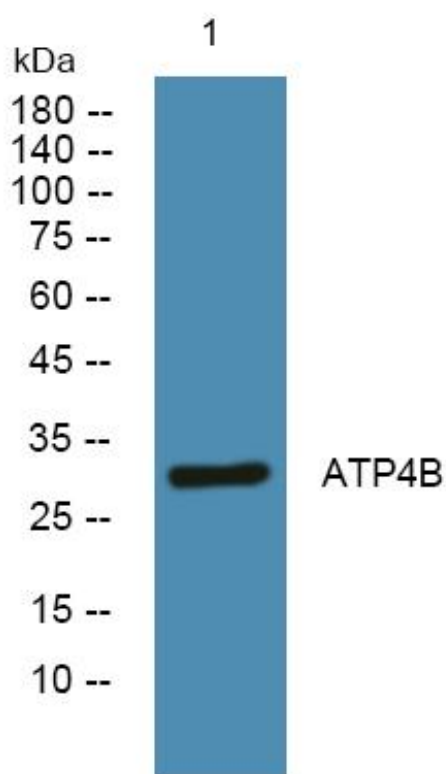


# ATP4B Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-05965
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ATP4B
<b>Protein Name</b>	Potassium-transporting ATPase subunit beta (Gastric H(+)/K(+) ATPase subunit beta) (Proton pump beta chain)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 160-240
<b>Specificity</b>	ATP4B Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	32kD
<b>Cell Pathway</b>	Apical cell membrane ; Single-pass type II membrane protein . Cell membrane ; Single-pass type II membrane protein . Localized in the apical canalicular membrane of parietal cells. .
<b>Tissue Specificity</b>	Colon,Liver,
<b>Function</b>	similarity:Belongs to the X(+)/potassium ATPases subunit beta family.,subunit:Composed of two subunits: alpha (catalytic) and beta.,
<b>Background</b>	The protein encoded by this gene belongs to a family of P-type cation-transporting ATPases. The gastric H <sup>+</sup> , K <sup>+</sup> -ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. This enzyme is a proton pump that catalyzes the hydrolysis of ATP coupled with the exchange of H <sup>+</sup> and K <sup>+</sup> ions across the plasma membrane. It is also responsible for gastric acid secretion. This gene encodes the beta subunit of the gastric H <sup>+</sup> , K <sup>+</sup> -ATPase. [provided by RefSeq, Jul 2008],
<b>matters needing attention</b>	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 ATP4B Monoclonal Antibody