PPIL2 Mouse mAb

Catalog No	YP-mAb-19475
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	PPIL2
Immunogen	Synthesized peptide derived from human PPIL2. AA range:223-323
Specificity	This antibody detects endogenous levels of PPIL2 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	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PPIL2;Peptidyl-prolyl cis-trans isomerase-like 2 (PPIase) (Cyclophilin-60) (Cyclophilin-like protein Cyp-60) (Rotamase PPIL2)
Observed Band	
Calculated Molecular Weight	57kD
Cell Pathway	Nucleus . May also localize to the cytoplasm and the cell membrane. .
Tissue Specificity	Highest expression in thymus , pancreas and testis. Also detected in heart , placenta , lung , liver , skeletal muscle , kidney , spleen , prostate , ovary , small intestine and colon. Poorly detected in brain and leukocytes. Strong protein expression in lymph node (cortical , paracortical and medullar regions) , thyroid (follicular epithelial cells) , testis (developing spermatozoa) , stomach (cells lining the gastric pit) , pancreas , kidney (proximal and distal-tubule cells and collecting duct cells but not in glomeruli) , endometrium and colon (goblet cells) . Moderate protein expression in spleen , prostate (epithelium and squamous cell carcinomas) , placenta and adrenal gland. Weak protein expression in liver , heart , breast , ovary , and lung. No protein expression in brain and bladder. High protein expression in most lymphomas and melanomas.
Function	Has a ubiquitin-protein ligase activity acting as an E3 ubiquitin protein ligase or as an ubiquitin-ubiquitin ligase promoting elongation of ubiquitin chains on substrates. By mediating 'Lys-48'-linked polyubiquitination of proteins could target them for proteasomal degradation . May also function as a chaperone , playing a role in transport to the cell membrane of BSG/Basigin for instance . Probable

	inactive PPIase with no peptidyl-prolyl cis-trans isomerase activity .
Background	
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