

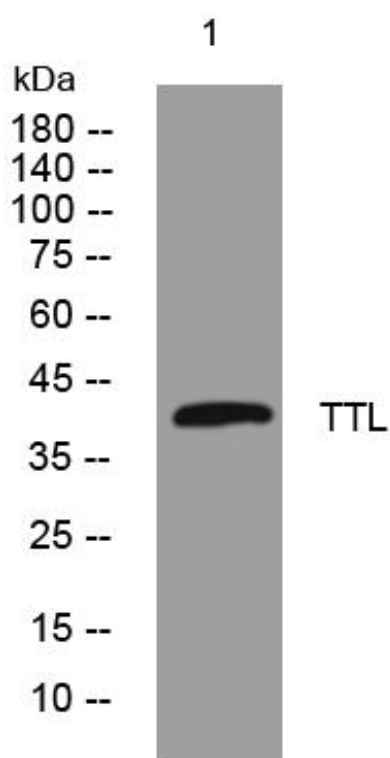


TTL mouse mAb

Catalog No	YP-mAb-08778
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	TTL
Protein Name	TTL
Immunogen	Synthesized peptide derived from human TTL AA range: 160-210
Specificity	This antibody detects endogenous levels of TTL 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	
Tissue Specificity	
Function	catalytic activity:ATP + detyrosinated alpha-tubulin + L-tyrosine = alpha-tubulin + ADP + phosphate.,cofactor:Magnesium.,cofactor:Potassium.,function:Catalyzes the post-translational addition of a tyrosine to the C-terminal end of detyrosinated alpha-tubulin.,similarity:Belongs to the tubulin--tyrosine ligase family.,similarity:Contains 1 TTL domain.,subunit:Monomer.,
Background	TTL is a cytosolic enzyme involved in the posttranslational modification of alpha-tubulin (see MIM 602529). Alpha-tubulin within assembled microtubules is detyrosinated over time at the C terminus. After microtubule disassembly, TTL restores the tyrosine residues and consequently participates in a cycle of tubulin detyrosination and tyrosination (Erck et al., 2003 [PubMed 14571137]).[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 TTL mouse mAb