



UFM1 Mouse mAb

Catalog No	YP-mAb-18501
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	UFM1 C13orf20 BM-002
Immunogen	Synthesized peptide derived from human UFM1
Specificity	This antibody detects endogenous levels of UFM1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
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	-20°C/1 year
Synonyms	HLD14;BM-002;C13orf20;UFM1;UFM1 C13orf20 BM-002;Ubiquitin-fold modifier 1
Observed Band	10kDa
Calculated Molecular Weight	9kDa
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	
Function	Ubiquitin-like modifier which can be covalently attached via an isopeptide bond to lysine residues of substrate proteins as a monomer or a lysine-linked polymer . The so-called ufmylation, requires the UFM1-activating E1 enzyme UBA5, the UFM1-conjugating E2 enzyme UFC1, and the UFM1-ligase E3 enzyme UFL1 . Ufmylation is involved in reticulophagy (also called ER-phagy) induced in response to endoplasmic reticulum stress . Ufmylation of TRIP4 regulates nuclear receptors-mediated transcription .
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