



Ubiquitin (5F1) Mouse mAb

Catalog No	YP-mAb-18509
Isotype	IgG
Reactivity	Human,Rat,Mouse,Pig
Applications	WB;IF;IHC
Gene Name	
Protein Name	Ubiquitin
Immunogen	Synthetic Peptide of Ubiquitin
Specificity	Ubiquitin protein detects endogenous levels of Ubiquitin
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000; IHC 1:100-200; IF 1:200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	26KDa
Cell Pathway	
Tissue Specificity	
Function	
Background	UBB (ubiquitin B) encodes ubiquitin, one of the most conserved proteins known. Ubiquitin has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. UBB consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. An aberrant form of this protein has been detected in patients with Alzheimer's disease and Down syndrome. Pseudogenes of UBB are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants.

**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