

Immunotag™ Ubiquitin mouse Monoclonal Antibody(5F1)

Antibody Specification	
Catalog No.	ITM3636
Product Description	Immunotag™ Ubiquitin mouse Monoclonal Antibody(5F1)
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Ubiquitin (5F1)
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IF,IHC-p
Recommended Dilution	WB: 1:1000-2000, IHC: 1:100-200, IF 1:200
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Mouse
Immunogen	Synthetic Peptide of Ubiquitin
Specificity	Ubiquitin protein detects endogenous levels of Ubiquitin
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen
Form	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Gene Name	UBB
Accession No.	PAN

Antibody Specification

Description	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.
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.