UBP10 Monoclonal Antibody

Catalog No	YP-mAb-06334
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	USP10 KIAA0190
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UBP10 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	Deubiquitinating enzyme 10;EC:3.4.19.12;KIAA0190;Ubiquitin carboxyl-terminal hydrolase 10;Ubiquitin-specific-processing protease 10;UBP10;USP10 KIAA0190;Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.4.19.12) (Deubiquitinating enzyme 10) (Ubiquitin thioesterase 10) (Ubiquitin-specific-processing protease 10)
Observed Band	100-130 kDa
Calculated Molecular Weight	87 kDa, 92 kDa
Cell Pathway	Cytoplasm . Nucleus . Early endosome . Cytoplasmic in normal conditions (PubMed:20096447). After DNA damage, translocates to the nucleus following phosphorylation by ATM (PubMed:20096447). .
Tissue Specificity	Widely expressed.
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., function:Ubiquitin specific protease are required to remove ubiquitin from specific proteins or peptides to which ubiquitin is attached.,similarity:Belongs to the peptidase C19 family.,subunit:Interacts with G3BP, which may regulate its function.,tissue specificity:Widely expressed.,

Background	Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2013],
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

