Product Data Sheet
Ubiquitin K48 Rabbit Monoclonal Antibody

Product name:	Ubiquitin K48 Rabbit Monoclonal Antibody
Cat number:	MABN85724
Conjugate:	Unconjugated
Size:	100µL
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human K-48 Linkage Specific Ubiquitin.
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight:	8kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Synonyms:	FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A
Source:	Rabbit
Background:	Plays an important role in the ubiquitin-proteasome pathway. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the activation component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue.

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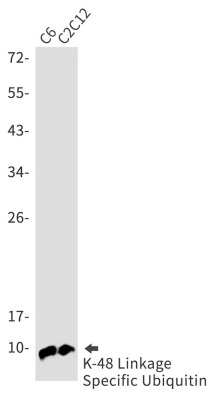
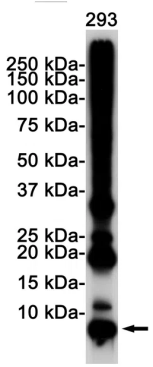
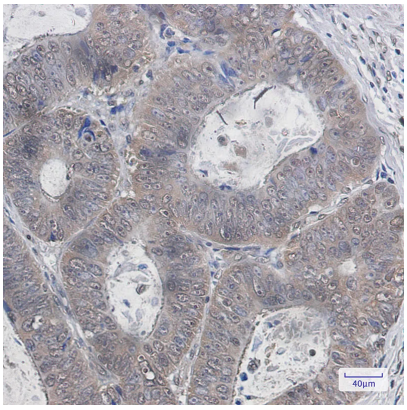


Western blot analysis of K48 Linkage Specific Ubiquitin in C6, C2C12 lysates using Ubiquitin K48 antibody.



Western blot analysis of K48 Linkage Specific Ubiquitin in 293 lysates using K48 Linkage Specific Ubiquitin antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using K48 Linkage Specific Ubiquitin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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