Product Name: **Ubiquitin K48 Rabbit Monoclonal Antibody**
Catalog #: **AMRe85724**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight	25.8kDa

Antigen Information

Gene Name	Ubiquitin K48
Alternative Names	FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A
Gene ID	7314.0
SwissProt ID	P0CG47
Immunogen	A synthetic peptide of human K-48 Linkage Specific Ubiquitin

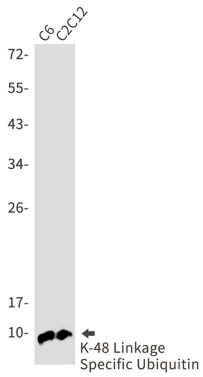
Background

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

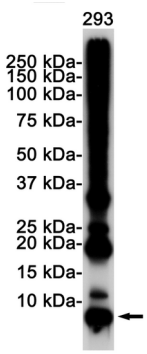
component E1; the activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, then from E2 to ubiquitin ligase E3 for final delivery to the epsilon-NH2 of the target protein lysine residue.

Research Area

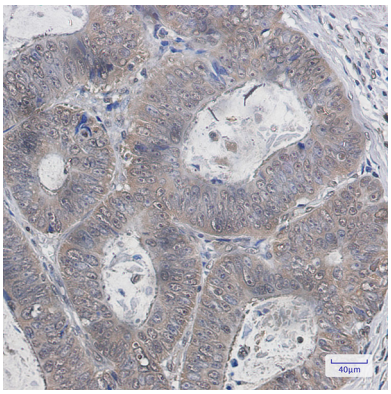
Image Data



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.