

Ubiquitin K63 Rabbit mAb

Catalog No: #52884

Package Size: #52884-1 50ul #52884-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

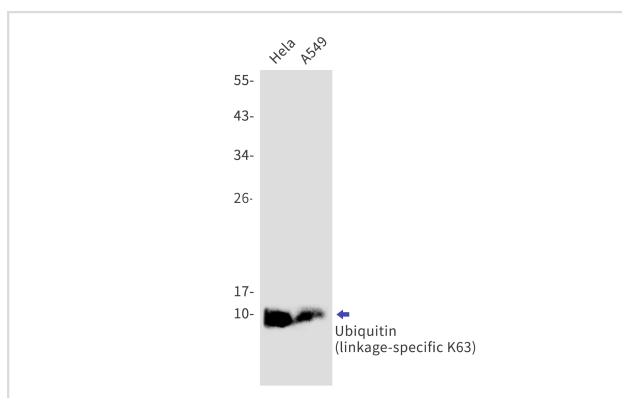
Description

Product Name	Ubiquitin K63 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-2H7
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human Ubiquitin (linkage-specific K63)
Conjugates	Unconjugated
Modification	Unmodification
Other Names	FLJ25987; MGC8385; ubiquitin B; Ubiquitin; UBCEP1; UBCEP2; RPS27A
Accession No.	Swiss-Prot:P0CG47GeneID:7314
Uniprot	P0CG47
GeneID	7314
Calculated MW	Calculated MW:8 kDa,Observed MW:8 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

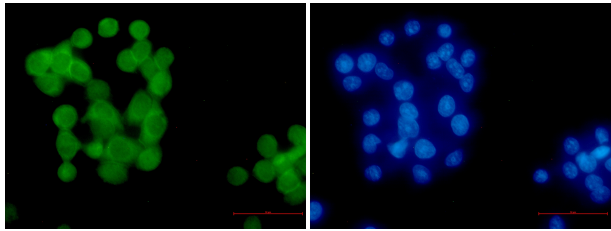
Application Details

WB: 1/1000 IHC: 1/50 ICC/IF: 1/100

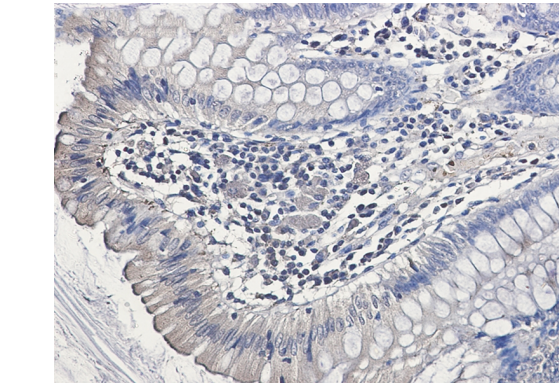
Images



Western blot detection of Ubiquitin (linkage-specific K63) in HeLa,A549 cell lysates using Ubiquitin (linkage-specific K63) Rabbit mAb(1:1000 diluted).Predicted band size:8kDa.Observed band size:8kDa.



Immunocytochemistry of Ubiquitin (linkage-specific K63) (green) in HeLa using Ubiquitin (linkage-specific K63) Rabbit mAb at dilution 1/5, and DAPI (blue)



Immunohistochemistry of Ubiquitin (linkage-specific K63) in paraffin-embedded Human colon cancer tissue using Ubiquitin (linkage-specific K63) Rabbit mAb at dilution 1/50

Background

This gene 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. This gene 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 this gene are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Note: This product is for in vitro research use only