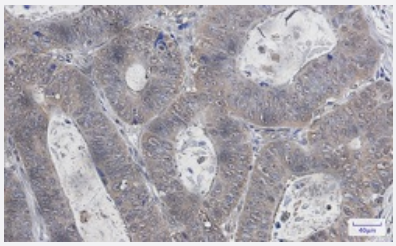
RecomAb™

UBB recombinant monoclonal antibody, clone R06-2H7

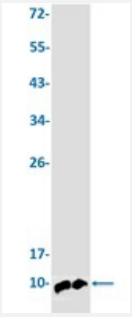
Catalog # RAB02153 Size 100 uL

Applications



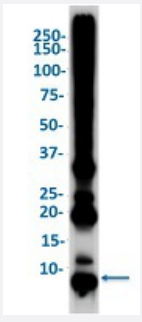
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin/PFA-fixed paraffin-embedded sections) of human colon cancer with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western Blot

Western blot analysis of Lane 1: C6 and Lane 2: C2C12 lysates with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153).



Western Blot

Western Blot analysis of 293 lysates with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human UBB.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human UBB.
Theoretical MW (kDa)	Refer to the figure
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin/PFA-fixed paraffin-embedded sections) of human colon cancer with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

- Immunofluorescence

- Western Blot

  Western blot analysis of Lane 1: C6 and Lane 2: C2C12 lysates with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153).

- Western Blot

  Western Blot analysis of 293 lysates with UBB recombinant monoclonal antibody, clone R06-2H7 (Cat # RAB02153).

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Gene Info — UBB

Entrez GeneID	7314
Protein Accession#	P0CG47
Gene Name	UBB
Gene Alias	FLJ25987, MGC8385
Gene Description	ubiquitin B
Omim ID	191339
Gene Ontology	Hyperlink
Gene Summary	This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin is required for ATP-dependent, nonlysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presu mably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcr ibed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involv ed in regulation of gene expression. This gene consists of three direct repeats of the ubiquitin cod ing sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. Aberrant form of this protein has been notic ed in patients with Alzheimer's and Down syndrome. [provided by RefSeq
Other Designations	OTTHUMP00000064960|OTTHUMP00000064961|polyubiquitin B

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