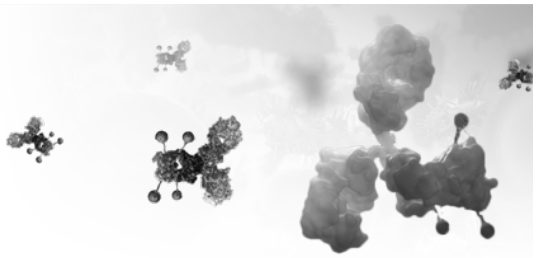

Rabbit Anti-Human Ubiquitin B monoclonal antibody, clone 20I5M32 (CABT-L1650)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody was successfully used to detect the ubiquitination of GLUT1 in transfected in HeLa cells.This antibody is predicted to react with bovine, chimpanzee, equine, non-human primate, rabbit, ovine and porcine based on sequence homology.
Target	Ubiquitin
Immunogen	Peptide corresponding to amino acids 32-58 of human ubiquitin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	20I5M32
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ChIP, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

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BACKGROUND

Introduction	Ubiquitin is a conserved 76 amino acid polypeptide and can affect proteasomal degradation of the protein it is bound to, or mediate interactions with other proteins related to posttranslation modifications. The degradation of cellular regulatory proteins by the ubiquitin pathway is important as it controls the cellular growth and proliferation. Ubiquitin dependent proteolysis occurs after a covalent attachment of the peptide to a lysine residue of a protein, which involves three enzymatic reactions: E1, E2 and E3. First reaction involves ubiquitin-activating enzyme. The third reaction uses enzyme ubiquitin ligase (E3) to transfer the activated ubiquitin from E2 to a lysine residue on a protein, or directly transfers the ubiquitin from E2 to the substrate.
Keywords	FLJ25987;MGC8385;Polyubiquitin B;RPS 27A;RPS27A;UBA 52;UBA 80;UBA52;UBA80;UBB;UBB;UBC;UBCEP 1;UBCEP 2;UBCEP1;UBCEP2;Ubiquitin;ubiquitin B;mono and polyubiquitylated conjugates;polyubiquitylated conjugates;monoquitylated conjugates

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