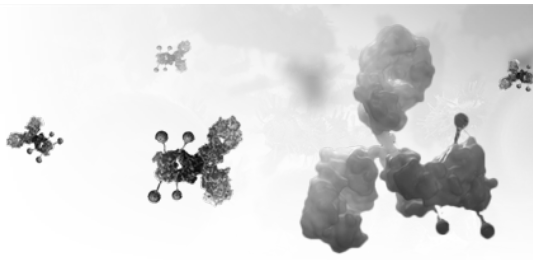

Rabbit Anti-Ubiquitin monoclonal antibody, clone KN10-78 (CABT-L903)

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

PRODUCT INFORMATION

Target	K63-linkage Specific Ubiquitin
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	KN10-78
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	60-100 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	293T, N2A, Hela, human liver cancer tissue, human colon cancer tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Ubiquitin (Ub) is among the most phylogenetically conserved proteins known. The primary function of ubiquitin is to clear abnormal, foreign and improperly folded proteins by targeting them for degradation by the 26S Proteosome. This small, 76 amino acid protein can be covalently attached to cellular proteins via an isopeptide linkage between the carboxy terminal group of ubiquitin and lysine amino groups on the acceptor protein. For proteolysis to occur, ubiquitin oligomers must be assembled. Ubiquitin chains on proteolytic substrates are commonly found to have an isopeptide bridge between Lys 48 of one ubiquitin molecule and the carboxy-terminus of a neighboring ubiquitin molecule. Ubiquitin also plays a role in regulating signal transduction cascades through the elimination inhibitory proteins, such as IκB-α and p27.
Keywords	Epididymis secretory protein Li 50;FLJ25987;HEL S 50;MGC8385;Polyubiquitin B;RPS 27A;RPS27A;UBA 52;UBA 80;UBA52;UBA80;UBB;UBB_HUMAN;UBC;UBCEP 1;UBCEP 2;UBCEP1;UBCEP2;Ubiquitin;Ubiquitin B antibody

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221