

U-Blot® Pan-Ubiquitin Rabbit mAb (WT9116R)

User Manual

General Information

Product name	U-Blot® Pan-Ubiquitin Rabbit mAb
Product No.	WT9116R
Clonality	Recombinant monoclonal
Clone Number	W-R12

Key Features

Target	Ubiquitin
Reactivity	Species Independent
Applications	WB, ICC, IHC-P, ICFCM
MW(Calculated)	Multiple
MW(Observed)	Multiple
Host Species	Rabbit
Isotype	IgG
Conjugate	Unconjugated
Modification	Ubiquitination
Modification Site	Lys (K)
Purification	Protein A
Immunogen	Polypeptide

Storage Information

Storage	Store at -20°C. Avoid repeated freeze-thaw cycles
Stability	Stable for 12 months from date of receipt / reconstitution.
Formulation	PBS, 40% Glycerol, 0.05% BSA, 0.03% Proclin 300
Concentration	0.5 mg/ml

Product Usage Information

Applications	Dilution
WB	1:1000
ICC	1:500
IHC-P	1:2000
ICFCM	1:500

Target Information

Background

Ubiquitin conjugates to lysine (Lys, K) residues of a broad spectrum of cellular substrate proteins, including histones, cell cycle regulators, transcription factors, signaling molecules, apoptotic proteins, misfolded and damaged proteins. It also forms polyubiquitin chains via internal lysine sites (K6, K11, K27, K29, K33, K48, K63) to mediate protein degradation, DNA repair, gene transcription, cell cycle progression, apoptosis and immune signaling.

Cellular Localization

Cytoplasm, Nucleus

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