

U-Blot[®] Pan-Ubiquitin Mouse mAb (WT9114R)

User Manual

General Information

Product name	U-Blot [®] Pan-Ubiquitin Mouse mAb
Product No.	WT9114R
Clonality	Recombinant monoclonal
Clone Number	W-R10

Key Features

Target	Ubiquitin
Reactivity	Human, Mouse, Rat
Applications	WB, ICC/IF
MW(Calculated)	Multiple
MW(Observed)	Multiple
Host Species	Mouse
Isotype	IgG2b/Kappa
Conjugate	Unconjugated
Modification	Ubiquitination
Modification Site	Lys (K)
Purification	Protein G
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, Glycerol, BSA

Product Usage Information

Applications	Dilution	Recommended Species
WB	1:500-1:1000	All
ICC/IF	1:100-1:200	Human

Target Information

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.

Background

Cellular Localization

Cytosol, Extracellular region, Nucleus

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