

U-Blot[®] Pan-SUMO1/2/3 Mouse mAb (WT9110)

User Manual

General Information

Product name	U-Blot [®] Pan-SUMO1/2/3 Mouse mAb
Product No.	WT9110
Clonality	Monoclonal

Key Features

Target	SUMO1 / SUMO2 / SUMO3
Reactivity	Human, Mouse, Rat
Applications	WB, IHC-P
MW(Calculated)	Multiple
MW(Observed)	Multiple
Host Species	Mouse
Isotype	IgG2b/Kappa
Conjugate	Unconjugated
Modification	SUMOylation
Modification Site	Lys (K)
Purification	Antibodies are purified by protein G-conjugated agarose followed by peptide affinity chromatography
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	1:500-1:2000	All
IHC-P	1:200-1:1000	Human, Mouse, Rat

Target Information

Small Ubiquitin-like Modifier (SUMO) is a family of ubiquitin-like proteins that covalently conjugate to lysine residues of target substrates, regulating diverse cellular processes including protein stability, transcriptional regulation, DNA repair, cell cycle progression and immune response. SUMO1, SUMO2 and SUMO3 are the major mammalian SUMO isoforms with overlapping yet distinct biological functions. Pan-SUMO antibody enables broad detection of global SUMOylation events, recognizing protein substrates modified by SUMO1, SUMO2 and SUMO3.

Background

Cellular Localization

Nucleus, Cytoplasm

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