

U-Blot[®] Pan-Propionyllysine Mouse mAb (WT9172)

User Manual

General Information

Product name	U-Blot [®] Pan-Propionyllysine Mouse mAb
Product No.	WT9172
Clonality	Monoclonal
Clone Number	W-T83
Alternative name	Kpr

Key Features

Target	Propionyllysine
Reactivity	Human, Mouse, Rat
Applications	WB, ChIP, IHC-P
MW(Calculated)	Multiple
MW(Observed)	Multiple
Host Species	Mouse
Isotype	IgG
Conjugate	Unconjugated
Modification	Lysine propionylation
Purification	Protein G and immunogen affinity purified
Immunogen	Polypeptide
Specificity	Pan- Propionyllysine Mouse mAb detects proteins with propionylated lysine residues. This pan antibody recognizes propionylated lysine independent of its surrounding sequences.

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	1:1000	All
IHC-P	1:200-1000	Human

Target Information

Background

Lysine propionylation is a reversible PTM using propionyl-CoA as the donor. It modulates protein properties and multiple cellular processes including transcription and metabolism. Its abnormality links to various diseases.

Cellular Localization

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For Research Use Only. Not for Use in Diagnostic Procedures.