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[Primary Antibody]

Mouse Anti-Ubiquityl-Histone H2B (Lys120)antibody

Catalog Number: SLM-60166M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a/Kappa
Clonality:	Monoclonal
Clone No.:	A12B4
Target:	Ubiquityl-Histone H2B (Lys120)
Purification:	Antigen affinity purification
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	The nucleus
Background:	Nucleosomes wrap and compact DNA into chromatin, restricting DNA access to cellular mechanisms that require DNA as a template. Therefore, histones play important roles in transcriptional regulation, DNA repair, DNA replication, and chromosome stability. Monoubiquitination of lysine 120 on histone H2B is a crucial histone modification, which plays a significant role in gene transcriptional regulation and higher-order chromatin organization in many species.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.