

Anti-ubiquityl-Histone H2B (Lys120) Mouse mAb

Anti-H2BK120ub mouse mAb

For research use only

General Information

Catalog number	PTM-1120
Host species	Mouse
Clonality	Monoclonal
Clone number	G13
Size	100 µl
Form	Liquid

Application	Species reactivity	UniProt	MW (kDa)
Dot Blot, WB	Human, Mouse, Rat	P62807	23

Product Usage Information

Application	Dilution	Positive control
WB	1:2000	HeLa

Properties

Storage	Instruction	Store at -20° C
		Avoid freeze / thaw cycles
	Preservative	0.01% sodium azide
	Constituents	PBS, glycerol, BSA
Purity	Protein G	
Isotype:	IgG1	

Target Information

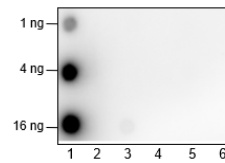
Function Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. Histone H2B lysine 120 monoubiquitination (H2BK120ub) is a key histone modification that plays critical roles in gene transcriptional regulation and higher order chromatin organization in many species.

Cellular location Nucleus

Tissue specificity Widely expressed.

Images

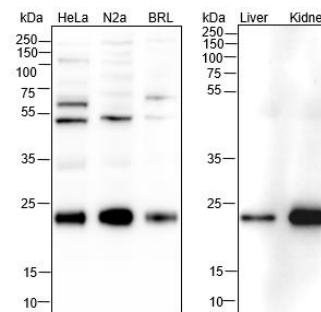
Dot Blot data



Dot blotting analysis on indicated amount of peptides using anti-H2BK120ub mouse mAb. The list of peptides is included in the table below.

No.	Peptide	No.	Peptide
Lane 1	H2BK120ub	Lane 2	H2BK120ac
Lane 3	H2BK120su	Lane 4	H2BK120hib
Lane 5	H2BK120bhb	Lane 6	H2BK120un

WB data



Western blotting analysis on 30 µg of crude proteins from human HeLa, mouse N2a, rat BRL whole cell lysates and mouse Liver whole tissue lysates using histone H2BK120ub mouse mAb (1: 2000).