

For Research Use Only

Acetyl-Histone H2B (Lys120) Recombinant antibody, PBS Only

Catalog Number: 84551-1-PBS



Basic Information

Catalog Number: 84551-1-PBS	GenBank Accession Number: BC005827	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 8349	CloneNo.: 241556E7
Source: Rabbit	UNIPROT ID: Q16778	
Isotype: IgG	Full Name: histone cluster 2, H2be	
	Calculated MW: 14 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Histones are nuclear proteins that are classified into five major protein groups: histones H2A, H2B, H3, and H4 are known as the core histones. Post-translationally modified H2B proteins can modulate the nucleosome/chromatin structure or DNA accessibility to affect the transcriptional pathways linked to embryonic development and cell differentiation. Monoubiquitination of histone H2B has emerged as an important chromatin modification with roles not only in transcription but also in cell differentiation, DNA repair or mRNA processing (PMID: 25027370).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

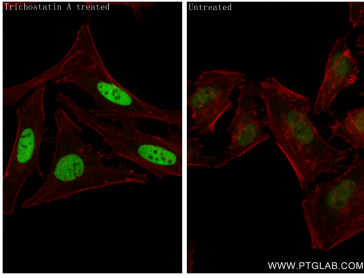
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Trichostatin A treated HeLa cells using Acetyl-Histone H2B (Lys120) antibody (84551-1-RR, Clone: 241556E7) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84551-1-PBS in a different storage buffer formulation.