

For Research Use Only

CoraLite® Plus 488-conjugated Histone H2B Monoclonal antibody



Catalog Number: **CL488-68393**

Basic Information

Catalog Number: CL488-68393	GenBank Accession Number: BC005827	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8349	CloneNo.: 1E12G3
Source: Mouse	Full Name: histone cluster 2, H2be	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 14 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Observed MW: 14-17 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : HeLa cells,
Species Specificity: Human, Mouse, Rat, Zebrafish, Chicken	

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

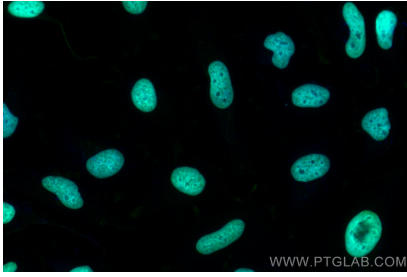
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 Histone H2B antibody (CL488-68393, Clone: 1E12G3) at dilution of 1:200.