

For Research Use Only

Acetyl-Histone H3 (Lys23) Recombinant antibody

Catalog Number: 82838-2-RR



Basic Information

Catalog Number:	82838-2-RR	GenBank Accession Number:	BC066245	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	8350	CloneNo.:	241137E4
Source:	Rabbit	UNIPROT ID:	P68431	Recommended Dilutions:	IHC 1:200-1:800 IF/ICC 1:200-1:800
Isotype:	IgG	Full Name:	histone cluster 1, H3a		

Applications

Tested Applications:	IHC, IF/ICC, Dot Blot, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	IHC :	mouse testis tissue, rat testis tissue
		IF/ICC :	HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			

Storage

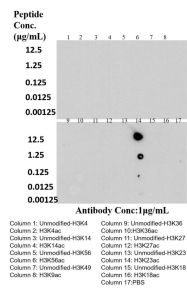
Storage:	Store at -20°C. Stable for one year after shipment.
Storage Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
	Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

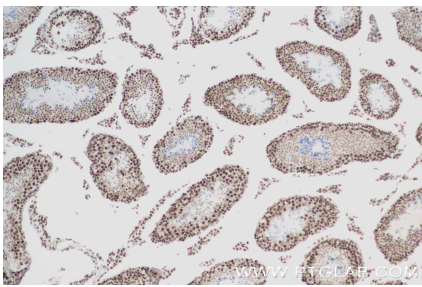
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

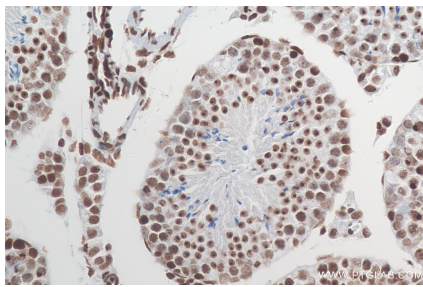
Selected Validation Data



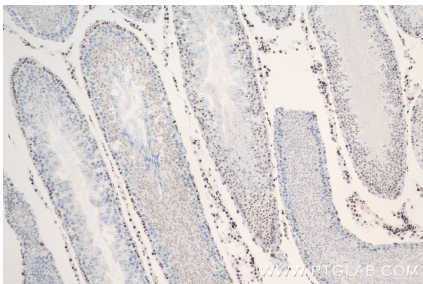
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys23) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/mL. The amount of peptide (µg/mL) spotted is indicated next to each row.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82838-2-RR (HIST1H3A antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82838-2-RR (Acetyl-Histone H3 (Lys23) antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 82838-2-RR (Acetyl-Histone H3 (Lys23) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Acetyl-Histone H3 (Lys23) antibody (82838-2-RR, Clone: 241137E4) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).