

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 µg/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

Species Specificity:
human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse testis tissue, rat testis tissue

IF/ICC : HeLa cells,

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

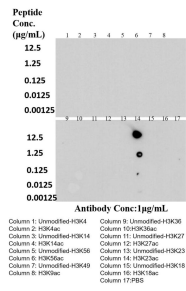
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

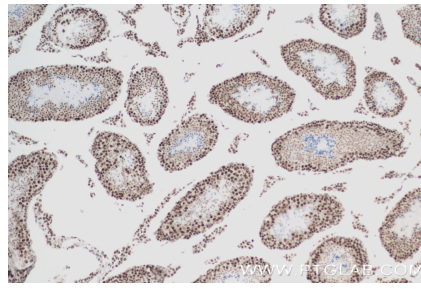
E: proteintech@ptglab.com
W: ptglab.com

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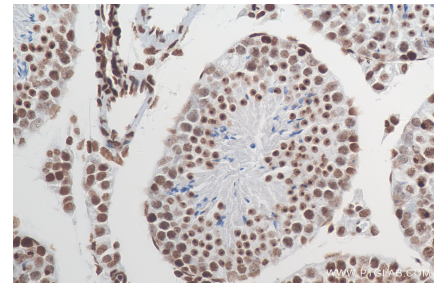
Selected Validation Data



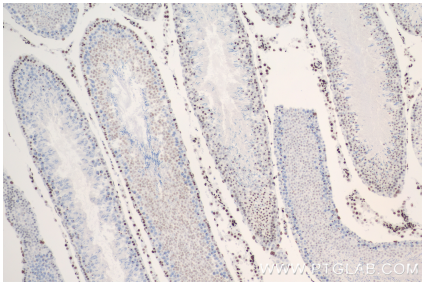
Dot blot analysis was used to confirm the specificity of Acetyl-Histone H3 (Lys23) antibody. Acetylated peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (µg/mL) spotted is indicated next to each row.



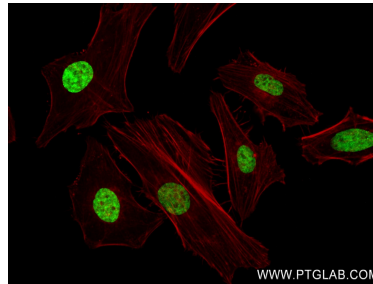
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82838-2-RR (HIST1H3A antibody) at dilution of 1:400 (under 10x lens).



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).