

Product Datasheet

Histone H3 [ac Lys18] Antibody NBP2-59174

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-59174

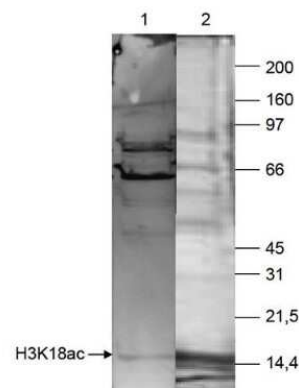
Histone H3 [ac Lys18] Antibody

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Whole Antiserum
Buffer	Serum
Target Molecular Weight	15 kDa
Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human
Immunogen	The exact sequence of the immunogen to this Histone H3 [ac Lys18] antibody is proprietary.
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot 1:250, ELISA 1:100, Dot Blot 1:1000

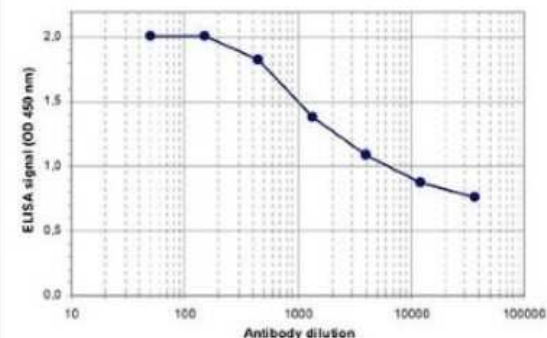


Images

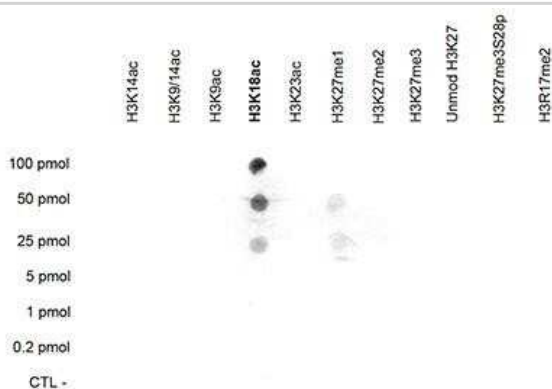
Western Blot: Histone H3 [ac Lys18] Antibody [NBP2-59174] - HeLa cells were treated with butyrate and histone extracts (15 ug) were analysed by Western blot using the antibody against H3K18ac diluted 1:250 in TBS-Tween containing 5% skimmed milk (lane 1). Lane 2 shows a coomassie blue staining of the gel. Observed molecular weight is ~15 kDa.



ELISA: Histone H3 [ac Lys18] Antibody [NBP2-59174] - To determine the titer, an ELISA was performed using a serial dilution of the antibody directed against H3K18ac. The antigen used was a peptide containing the histone modification of interest. By plotting the absorbance against the antibody dilution, the titer of the antibody was estimated to be 1:8,800.



Dot Blot: Histone H3 [ac Lys18] Antibody [NBP2-59174] - A Dot Blot analysis was performed to test the cross reactivity of the antibody against H3K18ac with peptides containing other modifications and unmodified sequences of histone H3. One hundred to 0.2 pmol of the peptide containing the respective histone modification were spotted on a membrane. The antibody was used at a dilution of 1:1,000. Figure shows a high specificity of the antibody for the modification of interest.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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