

Product Datasheet

Histone H3 [Trimethyl Lys4] Antibody (RM340) - Azide and BSA Free NBP3-25983

Unit Size: 100 ug

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

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NBP3-25983

Histone H3 [Trimethyl Lys4] Antibody (RM340) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM340
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

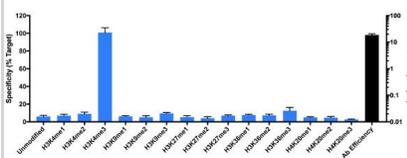
Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Trimethyl Lys4] antibody (RM340) reacts to Histone H3 trimethylated at Lysine 4. No cross reactivity with monomethylated Lysine 4 or dimethylated Lysine 4, or other methylation in histone H3.
Immunogen	This Histone H3 [Trimethyl Lys4] antibody (RM340) was raised against a trimethyl-peptide corresponding to Histone H3 [Trimethyl Lys4]

Product Application Details	
Applications	ELISA, Chromatin Immunoprecipitation (ChIP), Multiplex Immunoassay
Recommended Dilutions	ELISA 1 ug/ml - 10 ug/ml, Chromatin Immunoprecipitation (ChIP) 1 - 5 ug/ml, Multiplex Immunoassay 0.5 ug/ml - 2 ug/ml

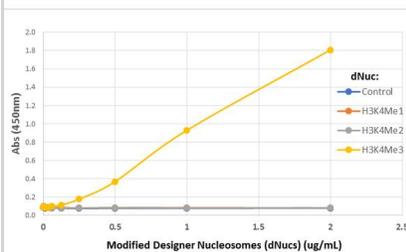


Images

Chromatin Immunoprecipitation: Histone H3 [Trimethyl Lys4] Antibody (RM340) - Azide and BSA Free [NBP3-25983] - SNAP-ChIP™ / qPCR using Clone RM340. Antibody (3 ug at 17 ug/mL) was tested in native ChIP with 3 ug HEK-293 chromatin (~1x10⁶ cells). Specificity (left Y-axis; all bars mean +/- SEM from six independent ChIP experiments; note <15% crossreactivity outside H3K4me3) was determined by quantitative real-time PCR (qPCR) for the duplicate DNA barcodes corresponding to each modified nucleosome in the SNAP-ChIP K-MetStat panel (X-axis). Black bar represents antibody efficiency (right Y-axis; log scale) and indicates percentage of the barcoded H3K4me3 nucleosome target immunoprecipitated relative to Input.



ELISA: Histone H3 [Trimethyl Lys4] Antibody (RM340) - Azide and BSA Free [NBP3-25983] - ELISA of Designer Nucleosomes (dNucs) (Recombinant Human Nucleosome with Histone H3 Lysine 4 Modified (H3K4)), using Clone RM340 (10 ug/mL).





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Products Related to NBP3-25983

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1001PEP	Histone H3 [Monomethyl Arg2] Antibody Blocking Peptide

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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