

Product Datasheet

Histone H3 [Trimethyl Lys4] Antibody (RM340) NBP2-77403

Unit Size: 100 ug

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

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NBP2-77403

Histone H3 [Trimethyl Lys4] Antibody (RM340)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM340
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

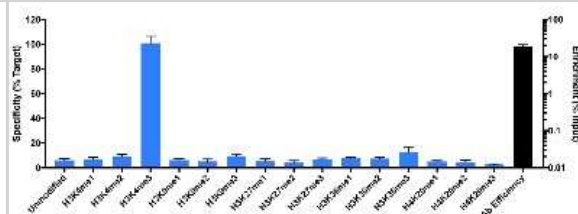
Product Description	
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Trimethyl Lys4] antibody (RM340) reacts to Histone H3 trimethylated at Lysine 4. No cross reactivity with monomethylated Lysine 4 or dimethylated Lysine 4, or other methylation 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

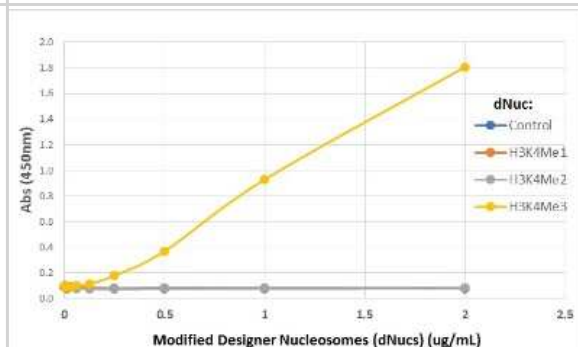


Images

Chromatin Immunoprecipitation: Histone H3 Antibody (RM340) [NBP2-77403] - SNAP-ChIP™ / qPCR using anti-H3K4me3 rabbit monoclonal antibody NBP2-77403. Antibody 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% cross reactivity 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 Antibody (RM340) [NBP2-77403] - ELISA of Designer Nucleosomes (dNucs) (Recombinant Human Nucleosome with H3 K4 Modified), using anti-H3K4me3 rabbit monoclonal antibody NBP2-77403.





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Products Related to NBP2-77403

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1022PEP	Histone H3 [Dimethyl Lys4] 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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