

Product Datasheet

Histone H3 [Trimethyl Lys27] Antibody (RM175) NBP2-61550

Unit Size: 100 ug

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

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NBP2-61550

Histone H3 [Trimethyl Lys27] Antibody (RM175)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM175
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

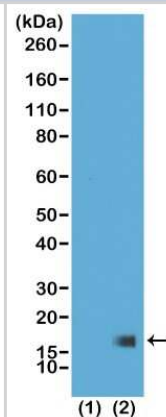
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Trimethyl Lys27] Antibody (RM175) (NBP2-61550) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ELISA and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Trimethyl Lys27] antibody (RM175) reacts to Histone H3 trimethylated at Lysine 27. No cross reactivity with monomethylated Lysine 27 or dimethylated Lysine 27, or other methylations in Histone H3.
Immunogen	This Histone H3 [Trimethyl Lys27] antibody (RM175) was raised against a trimethyl-peptide corresponding to Histone H3 [Trimethyl Lys27]

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Chromatin Immunoprecipitation (ChIP), Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml - 2 ug/ml, ELISA 0.5ug/mL - 1 ug/mL, Immunohistochemistry 0.5 ug/ml - 2 ug/ml, Chromatin Immunoprecipitation (ChIP) 1ug-5 ug, Multiplex Immunofluorescence

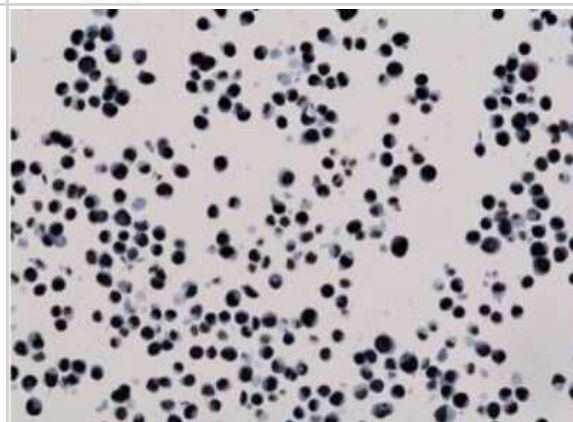


Images

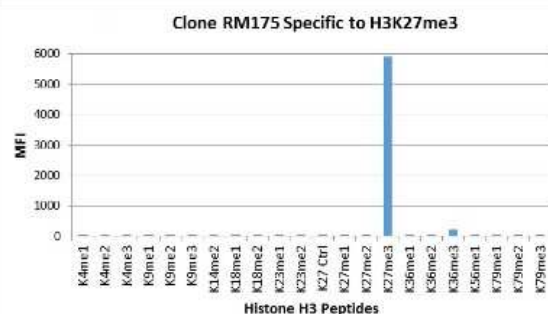
Western Blot: Histone H3 [Trimethyl Lys27] Antibody (RM175) [NBP2-61550] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61550, showed a band of histone H3 trimethylated at Lysine 27 (K27me3) in HeLa cells. Observed molecular weight is ~17 kDa



Immunohistochemistry: Histone H3 [Trimethyl Lys27] Antibody (RM175) [NBP2-61550] - Immunohistochemistry staining of HepG2 cells using NBP2-61550.



Multiplex Immunoassay: Histone H3 [Trimethyl Lys27] Antibody (RM175) [NBP2-61550] - NBP2-61550 specifically reacts to Histone H3 trimethylated at Lysine 27 (K27me3). No cross reactivity with non-modified Lysine 27 (K27 Ctrl), monomethylated Lysine 27 (K27me1) or dimethylated Lysine 27 (K27me2), or other methylations in Histone H3.





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Products Related to NBP2-61550

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1141PEP	Histone H3 [Monomethyl Lys18] 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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