

Product Datasheet

Histone H3 [Trimethyl Lys4] Antibody (RM137) NBP2-61502

Unit Size: 100 ug

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

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NBP2-61502**Histone H3 [Trimethyl Lys4] Antibody (RM137)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM137
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

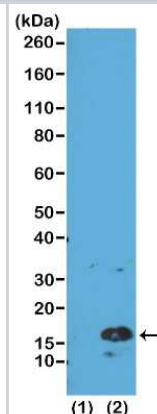
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Trimethyl Lys4] Antibody (RM137) (NBP2-61502) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Trimethyl Lys4] antibody (RM137) 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 (RM137) was raised against a trimethyl-peptide corresponding to Trimethyl-Histone H3 [Trimethyl Lys4]

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.2 ug/ml - 1 ug/ml, ELISA 0.1 ug/ml - 0.5 ug/ml, Dot Blot, Multiplex Immunofluorescence

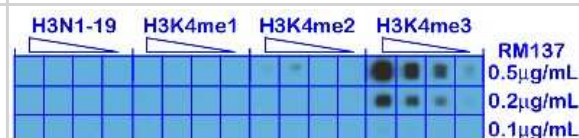


Images

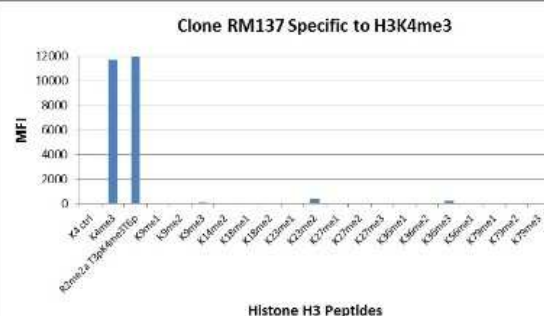
Western Blot: Histone H3 [Trimethyl Lys4] Antibody (RM137) [NBP2-61502] - Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61502 at 0.5 ug/ml, showed a band of histone H3 trimethylated at Lysine 4 (K4me3) in HeLa cells. Observed molecular weight is ~17 kDa.



Dot Blot: Histone H3 [Trimethyl Lys4] Antibody (RM137) [NBP2-61502] - A Peptide dot blot shows NBP2-61502 reacts only to Histone H3 trimethyl-Lysine 4 (K4me3). No cross reactivity with nonmodified Lysine 4 (H3N1-19), monomethylated Lysine 4 (K4me1) or dimethylated Lysine 4 (K4me2).



Multiplex Immunoassay: Histone H3 [Trimethyl Lys4] Antibody (RM137) [NBP2-61502] - NBP2-61502 specifically reacts to Histone H3 trimethylated at Lysine 4 (K4me3). No cross reactivity with other methylated lysines in Histone H3.





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Products Related to NBP2-61502

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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