

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

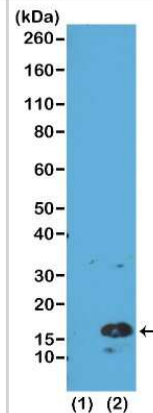
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Trimethyl Lys4] Antibody (RM137) (NBP2-61502) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene 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

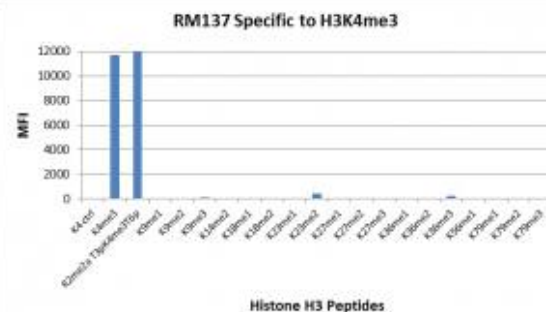


Images

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.



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



Dot Blot: Histone H3 [Trimethyl Lys4] Antibody (RM137) - Azide and BSA Free [NBP2-61502] - A Peptide dotblot shows RM137 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).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-61502

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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