

Product Datasheet

Histone H3 [Crotonyl Lys9] Antibody (RM339) NBP2-77404

Unit Size: 100 ug

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

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NBP2-77404**Histone H3 [Crotonyl Lys9] Antibody (RM339)**

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM339
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

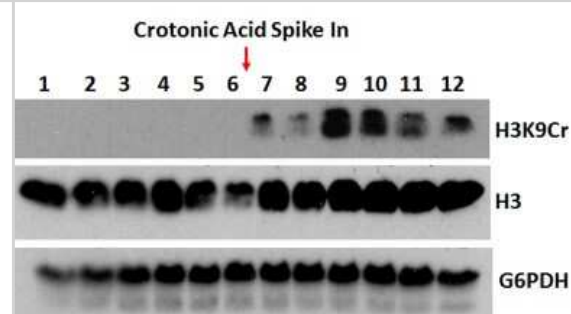
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [Crotonyl Lys9] Antibody (RM339) (NBP2-77404) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [Crotonyl Lys9] antibody (RM339) reacts to Histone H3 crotonylated at Lysine 9, and does not cross-react with acetylated or butyrylated Lysine 9. No cross reactivity with other crotonylated Lysines in Histone H3
Immunogen	This Histone H3 [Crotonyl Lys9] antibody (RM339) was raised against a crotonyl-peptide corresponding to Histone H3 [Crotonyl Lys9].

Product Application Details	
Applications	Western Blot, Dot Blot, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml - 5 ug/ml, Dot Blot 0.5 ug/ml - 2 ug/ml, Multiplex Immunofluorescence

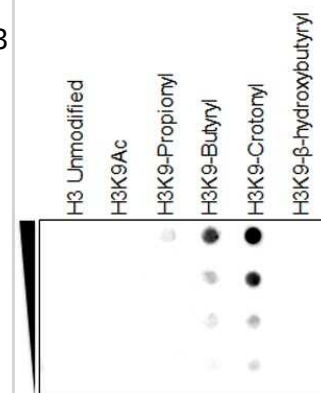


Images

Western Blot: Histone H3 [Crotonyl Lys9] Antibody (RM339) [NBP2-77404] - Western Blot using NBP2-77404 against H3K9cr [Crotonyl-Histone H3 (Lys9)]. Anti-Histone H3 and anti-G6PDH were used as controls. A crotonylation inducing metabolite was used to increase the H3K9cr signal. Theoretical molecular weight is ~15 kDa



Dot Blot: Histone H3 [Crotonyl Lys9] Antibody (RM339) [NBP2-77404] - A Peptide dot blot showing NBP2-77404 reacts specifically to Histone H3 crotonylated at Lysine 9 (H3K9-Crotonyl), and NBP2-77404's cross-reactivity with different peptides.





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Products Related to NBP2-77404

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1252PEP	Histone H3 [Dimethyl Lys36] 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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