

# Product Datasheet

## Histone H3 [p Ser10, Trimethyl Lys9] Antibody (RM162) NBP2-61522

Unit Size: 100 ug

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

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**NBP2-61522**

Histone H3 [p Ser10, Trimethyl Lys9] Antibody (RM162)

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	RM162
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	50% Glycerol/PBS, 1% BSA
Target Molecular Weight	15 kDa

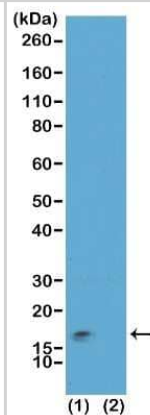
Product Description	
Description	Novus Biologicals Rabbit Histone H3 [p Ser10, Trimethyl Lys9] Antibody (RM162) (NBP2-61522) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	126961
Gene Symbol	H3C14
Species	Human, Vertebrate
Specificity/Sensitivity	This Histone H3 [p Ser10, Trimethyl Lys9] antibody (RM162) reacts to Histone H3 only when modified AT both trimethyl lysine 9 and phospho serine 10.
Immunogen	This Histone H3 [p Ser10, Trimethyl Lys9] antibody (RM162) was raised against a trimethyl-phospho-peptide corresponding to Histone H3 [p Ser10, Trimethyl Lys9]

Product Application Details	
Applications	Western Blot, ELISA, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 0.01 ug/ml-1 ug/ml, ELISA 0.01 ug/mL - 0.5 ug/mL, Multiplex Immunofluorescence

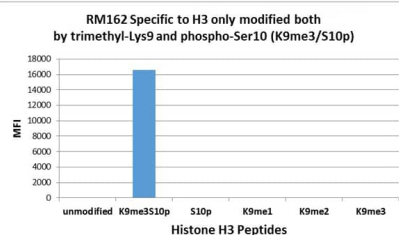


## Images

Western Blot: Histone H3 [p Ser10, Trimethyl Lys9] Antibody (RM162) [NBP2-61522] - Western Blot of acid extracts of HeLa cells (1) and recombinant histone H3.3 (2), using NBP2-61522 at 0.01 ug/ml. Observed molecular weight is ~17 kDa.



Multiplex Immunoassay: Histone H3 [Trimethyl Lys9, p Ser10] Antibody (RM162) - Azide and BSA Free [NBP2-61522] - RM162 specifically reacts to Histone H3 only when modified at both trimethyl-lysine 9 and phospho-serine 10 (K9me3/S10p). No cross reactivity with non-modified Lysine 9/ Serine 10, methylated Lysine 9 (K9me1, k9me2, k9me3) ONLY, or phosphorylated Serine 10 ONLY, in Histone H3.





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### **Products Related to NBP2-61522**

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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

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### **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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