

# Product Datasheet

## Histone H3 [Trimethyl Lys79] Antibody (RM157) NBP2-61508

Unit Size: 100 ug

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

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**NBP2-61508****Histone H3 [Trimethyl Lys79] Antibody (RM157)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RM157
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50% Glycerol/PBS, 1% BSA
<b>Target Molecular Weight</b>	15 kDa

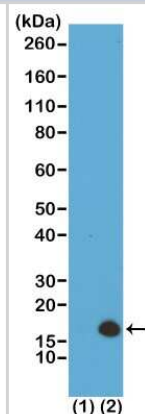
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Histone H3 [Trimethyl Lys79] Antibody (RM157) (NBP2-61508) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	126961
<b>Gene Symbol</b>	H3C14
<b>Species</b>	Human, Vertebrate
<b>Specificity/Sensitivity</b>	This Histone H3 [Trimethyl Lys79] antibody (RM157) reacts to Histone H3 trimethylated at Lysine 79. No cross reactivity with monomethylated Lysine 79 or dimethylated Lysine 79, or other methylations in Histone H3.
<b>Immunogen</b>	This Histone H3 [Trimethyl Lys79] antibody (RM157) was raised against a trimethyl-peptide corresponding to Histone H3 [Trimethyl Lys79]

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

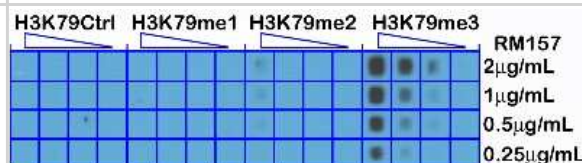


## Images

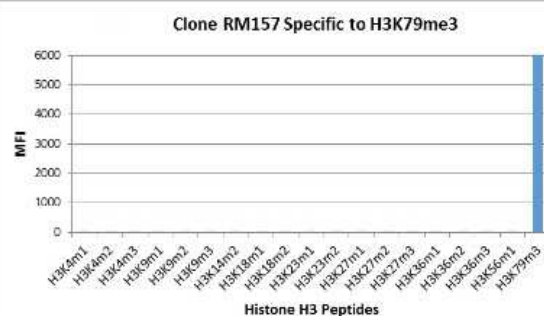
**Western Blot: Histone H3 [Trimethyl Lys79] Antibody (RM157) [NBP2-61508]** - Western Blot of recombinant Histone H3.3 (1) and acid extracts of HeLa cells (2), using NBP2-61508 at 0.5 ug/ml, showed a band of Histone H3 trimethylated at Lysine 79 (K79me3) in HeLa cells. Observed molecular weight is ~17 kDa.



**Dot Blot: Histone H3 [Trimethyl Lys79] Antibody (RM157) [NBP2-61508]** - A Peptide dot blot shows NBP2-61508 reacts only to Histone H3 trimethyl-Lysine 79 (K79me3). No cross reactivity with nonmodified Lysine 79 (H3K79Ctrl), monomethylated Lysine 79 (K79me1) or dimethylated Lysine 79 (K79me2).



**Multiplex Immunoassay: Histone H3 [Trimethyl Lys79] Antibody (RM157) [NBP2-61508]** - NBP2-61508 specifically reacts to Histone H3 trimethylated at Lysine 79 (K79me3). No cross reactivity with other methylated lysines in Histone H3.





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### **Products Related to NBP2-61508**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB21-1051PEP	Histone H3 [p Thr6] Antibody Blocking Peptide

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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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