

## 10-9558: Recombinant Rabbit Monoclonal Antibody to Monomethylated Histone H3 Lysine 18, H3K18me1 (Clone: RM167)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM167
<b>Application :</b>	WB,ELISA,Multiplex
<b>Reactivity :</b>	All Species
<b>Gene :</b>	H3F3A
<b>Gene ID :</b>	3020
<b>Uniprot ID :</b>	P84243
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Histone H3.3
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A monomethyl-peptide corresponding to Monomethyl-Histone H3 (Lys18)

### Product Info

<b>Amount :</b>	100 µg
<b>Purification :</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Content :</b>	1 mg/ml in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Storage condition :</b>	Store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Clone RM167 reacts to Histone H3 monomethylated at Lysine 18 (K18me1). No cross reactivity with nonmodified Lysine 18 or dimethylated Lysine 18 (K18me2), or other methylations in histone H3. Western Blot: 1 Åµg/ml Å²Å² 2 Å²Å²µg/ml; ELISA: 0.2 Å²Å²µg/ml - 1 Å²Å²µg/ml; Multiplex: 0.1 Å²Å²µg/ml Å²Å² 0.5 Å²Å²µg/ml.

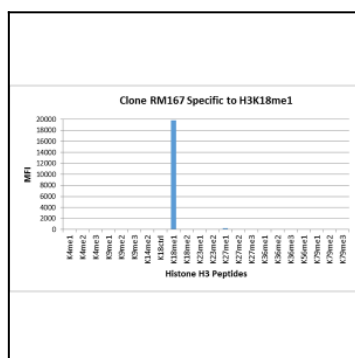


Figure 1: Clone: RM167 specifically reacts to Histone H3 monomethylated at Lysine 18 (K18me1). No cross reactivity with nonmodified Lysine 18 (K18Ctrl) or dimethylated Lysine 18 (K18me2), or other methylations in histone H3.

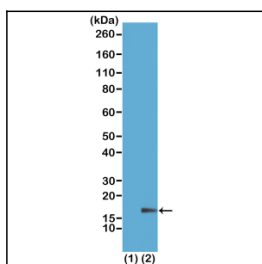


Figure 2: Western Blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2), using Clone: RM167 at 1 µg/ml, showed a band of histone H3 monomethylated at Lysine 18 (K18me1) in HeLa cells.