

## 10-9576: Recombinant Rabbit Monoclonal Antibody to Trimethyl-Phospho-Histone H3 (Lys9/Ser10) (Clone: RM162)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	RM162
<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 trimethyl-phospho-peptide corresponding to Trimethyl- Phospho-Histone H3 (Lys9/Ser10).

### 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 RM162 reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p). Western Blot: 0.01 Åµg/ml - 1 Åµg/ml; ELISA: 0.01 Åµg/ml - 0.5 Åµg/ml; Multiplex: 0.1 Åµg/ml - 1 Åµg/ml.

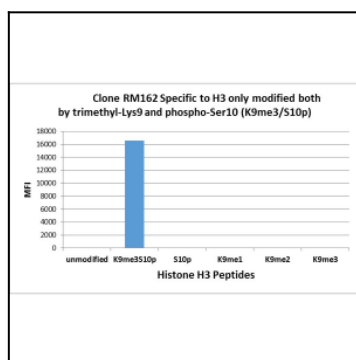


Figure 1: Clone: RM162 specifically reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p). No cross reactivity with non-modified Lysine 9/ Serine 10, methylated Lysine 9 (K9me1, k9me2, k9me3) ONLY, or phosphorylation at Serine 9 ONLY in Histone H3.

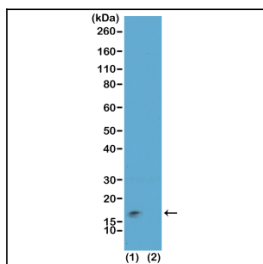


Figure 2: Western Blot of acid extracts of HeLa cells (1) and recombinant histone H3.3 (2), using Clone: RM162 at 0.01 µg/ml, showed a band of histone H3 modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p) in HeLa cells.