

10-9593: Recombinant Rabbit Monoclonal Antibody to Histone H3.3 (Clone: RM190)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM190
Application :	WB,ELISA,Multiplex
Reactivity :	All Species
Gene :	H3F3A
Gene ID :	3020
Uniprot ID :	P84243
Format :	Purified
Alternative Name :	Histone H3.3
Isotype :	Rabbit IgG
Immunogen Information :	A peptide corresponding to human Histone H3.3

Product Info

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

Application Note

Clone RM190 reacts to Histone H3.3, independent of post-translational modifications. No cross reactivity with Histone H3.1 or other histone proteins. Western Blot: 0.5 Åµg/ml Å²Å² 2 Å²Å²µg/ml; ELISA: 0.2 Å²Å²µg/ml - 1 Å²Å²µg/ml; Multiplex: 0.05 Å²Å²µg/ml Å²Å² 0.5 Å²Å²µg/ml.

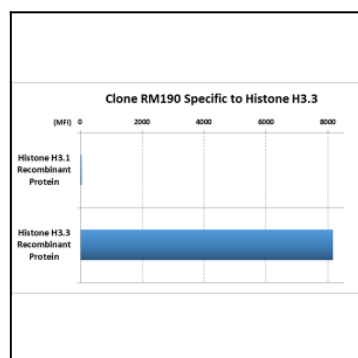


Figure 1: Clone: RM190 reacts specifically to Histone H3.3. No cross reactivity with Histone H3.1.

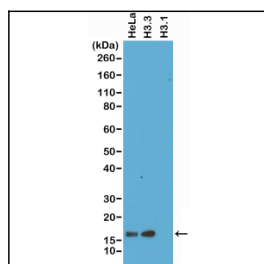


Figure 2: Western Blot of HeLa whole cell lysate, recombinant Histone H3.3 and Histone H3.1 proteins, using Clone: RM190 at 1 µg/ml, showed a band of histone H3.3 in HeLa cells and recombinant H3.3 protein, and no cross activity with Histone H3.1.