

10-9594: Recombinant Rabbit Monoclonal Antibody to Histone H4 (Clone: RM212)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM212
Application :	ICC,ELISA,WB,Multiplex
Gene :	HIST1H4A
Gene ID :	121504
Uniprot ID :	P62805
Format :	Purified
Alternative Name :	H4/A, H4FA
Isotype :	Rabbit IgG
Immunogen Information :	A peptide corresponding to the C-terminus of human Histone H4

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 RM212 reacts to the Histone H4 protein, independent of post-translational modifications. No cross reactivity with other histone proteins. Western Blot: 0.1 µg/ml - 0.5 µg/ml; ICC: 1 µg/ml - 2 µg/ml; ELISA: 0.2 µg/ml - 1 µg/ml; Multiplex: 0.1 µg/ml - 0.5 µg/ml.

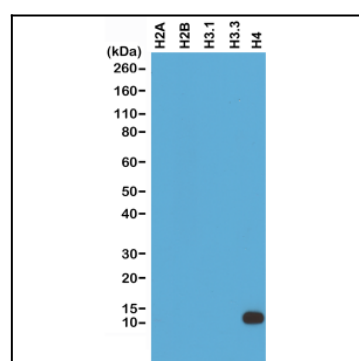


Figure 1: Western Blot of recombinant Histone H2A, H2B, H3.1, H3.3 and H4 proteins, using Clone: RM212 at 0.2 µg/ml. Clone: RM212 is specific to Histone H4.

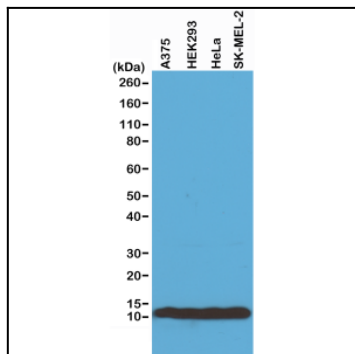


Figure 2: Western Blot of A375, HEK293, HeLa and SK-MEL-2 whole cell lysates, using Clone: RM212 at 0.2 μ g/ml, showed endogenous Histone H4 in A375, HEK293, HeLa and SK-MEL-2 cells.

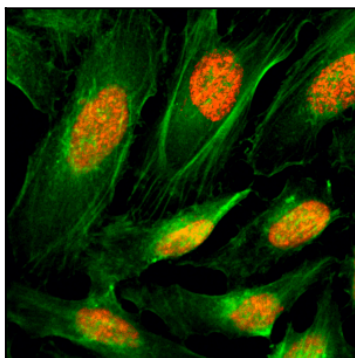


Figure 3: Immunocytochemistry of HeLa cells, using Anti-Histone H4 Rabbit mAb Clone: RM212 (red). Actin filaments have been labeled with fluorescein phalloidin (green).