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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: $100 \mu g$

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 μ g/ml $\tilde{A} = 0.5 \mu$ g/ml; ICC: 1 μ g/ml - 2 μ g/ml; ELISA: 0.2 μ g/ml - 1 μ g/ml; Multiplex: 0.1 μ g/ml $\tilde{A} = 0.5 \mu$ g/ml.

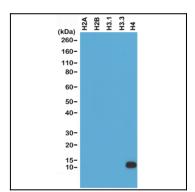


Figure 1: Western Blot of recombinant Histone H2A, H2B,H3.1, H3.3 and H4 proteins, using Clone: RM212 at0.2 µg/ml. Clone: RM212 is specific to Histone H4.



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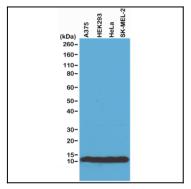


Figure 2: Western Blot of A375, HEK293, HeLa and SK-MEL-2 whole cell lysates, using Clone: RM212 at 0.2 μ g/ml, showed endogenous Histone H4 in A375, HEK293, HeLa and SK-MEL-2 cells.

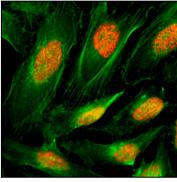


Figure 3: Immunocytochemistry of HeLa cells, using Anti-Histone H4 Rabbit mAb Clone: RM212 (red). Actin filaments have been labeled with fluorescein phalloidin (green).