

10-9567: Recombinant Rabbit Monoclonal Antibody to Acetylated Histone H4 Lysine 20 (K20ac) (Clone: RM205)(Discontinued)

Clonality :	Monoclonal
Clone Name :	RM205
Application :	WB,ELISA,Multiplex,ICC
Reactivity :	All Species
Gene :	HIST1H4A
Gene ID :	121504
Uniprot ID :	P62805
Format :	Purified
Alternative Name :	H4/A, H4FA
Isotype :	Rabbit IgG
Immunogen Information :	An acetyl-peptide corresponding to the Acetyl-Histone H4 (Lys20).

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 RM205 reacts to Histone H4 acetylated at Lysine 20 (K20ac). No cross reactivity with other acetylated Lysines in Histone H4. Western Blot: 1 Åµg/ml - 2 Åµg/ml; ELISA: 0.2 Åµg/ml - 1 Åµg/ml; Multiplex: 0.1 Åµg/ml ÅµÅµ 1 Åµg/ml; Immunocytochemistry: 1 Åµg/ml- 2 Åµg/ml.

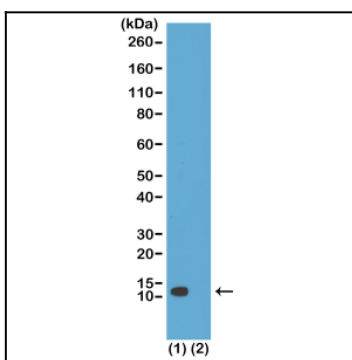


Figure 1: Western Blot of (1) acid extracts of HeLa cells;(2) recombinant Histone H4. Using Clone: RM205 at 1 µg/ml, showed a band of Histone H4 acetylated at Lysine 20 in HeLa cells.

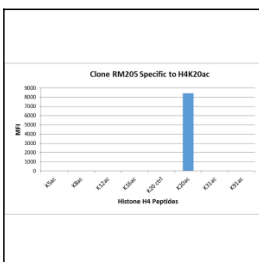


Figure 2: Clone: RM205 specifically reacts to Histone H4 acetylated at Lysine 20 (K20ac). No cross reactivity with unmodified Lysine 20 (K20 ctrl), acetylated Lysine 5 (K5ac), Lysine 8 (K8ac), Lysine 12 (K12ac), Lysine 16(K20ac), Lysine 31 (K31ac), or Lysine 91 (K91) in Histone H4.

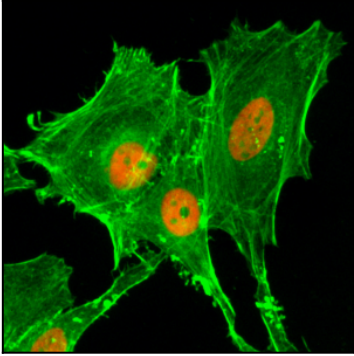


Figure 3: Immunocytochemical staining of HeLa cells treated with sodium butyrate, using anti-Acetyl-Histone H4 (Lys20) Rabbit Monoclonal Antibody (Clone: RM205) (red). Actin filaments have been labeled with fluorescein phalloidin (green).