

10-9578: Recombinant Rabbit Monoclonal Antibody to Monomethylated Histone H4 Lysine 20 (Clone: RM208)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | RM208 |
| Application : | WB,ELISA,Multiplex |
| Reactivity : | All Species |
| Gene : | HIST1H4A |
| Gene ID : | 121504 |
| Uniprot ID : | P62805 |
| Format : | Purified |
| Alternative Name : | H4/A, H4FA |
| Isotype : | Rabbit IgG |
| Immunogen Information : | A trimethyl-peptide corresponding to trimethyl-Histone H4 (Lys20) |

Product Info

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| 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 RM208 reacts to Histone H4 trimethylated at Lysine 20 (K20me3). It may slightly cross react to dimethylated Lysine 20 (K20me2) at a higher concentration. No cross reactivity with non-modified Lysine 20, monomethylated Lysine 20 (K20me1), or other methylations in histone H4. Western Blot: 1 Åµg/ml Å²Å² 2 Å²Å²/ml; ELISA: 0.5 Å²Å²/ml - 1 Å²Å²/ml; Multiplex: 0.1 Å²Å²/ml Å²Å² 0.5 Å²Å²/ml.

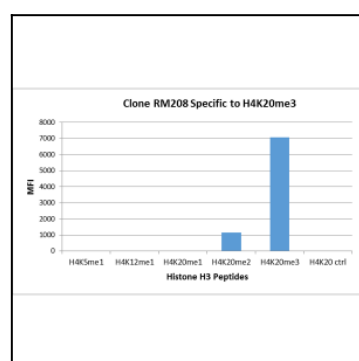


Figure 1: Clone: RM208 specifically reacts to Histone H4 trimethylated at Lysine 20 (K20me3). May slightly cross react to dimethylated Lysine 20 (K20me2) at higher concentrations. No crossreactivity with non-modified Lysine 20, monomethylated Lysine 20 (K20me1), or other methylations in histone H4.

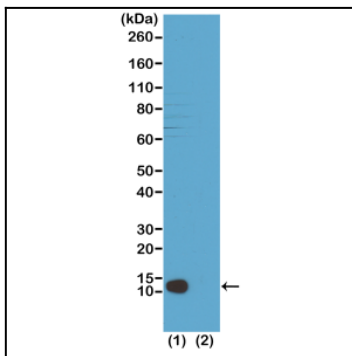


Figure 2: Western Blot of (1) acid extracts of HeLa cells; (2) recombinant Histone H4. Using Clone: RM208 at 1 $\mu\text{g/ml}$, showed a band of Histone H4 trimethylated at Lysine20 in HeLa cells.