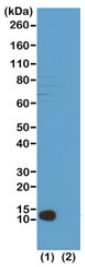
Recombinant H4K20me3 Antibody [clone RM208] (R20238)

Catalog No.	Formulation	Size
R20238-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20238-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

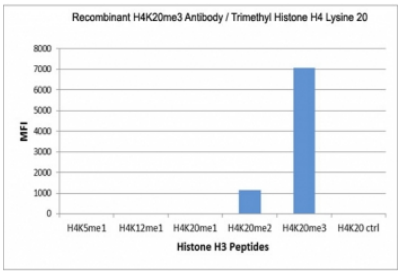
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	All Species
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM208
Purity	Protein A purified from animal origin-free supernatant
UniProt	P62805
Gene ID	121504
Applications	Western Blot : 1-2ug/ml ELISA : 0.5-1ug/ml
Limitations	This recombinant H4K20me3 antibody is available for research use only.



Western blot test of (1) acid extracts of HeLa cells and (2) recombinant Histone H4, using recombinant H4K20me3 antibody at 1 ug/ml, showed a band of Histone H4 trimethylated at Lysine 20 in HeLa cells.



This recombinant H4K20me3 antibody specifically reacts to Histone H4 trimethylated at Lysine 20 (K20me3). May slightly cross react to dimethylated Lysine 20 (K20me2) at higher concentrations. No cross reactivity with non-modified or monomethylated Lysine 20 (K20me1), or other H4 methylations.

Description

This recombinant H4K20me3 antibody 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 or monomethylated Lysine 20 (K20me1), or other methylations in histone H4.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H4K20me3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A trimethyl-peptide corresponding to Trimethyl-Histone H4 (Lys20) was used as the immunogen for this recombinant H4K20me3 antibody.

Storage

Store the recombinant H4K20me3 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).