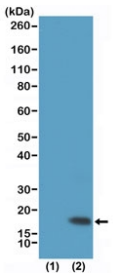
H3K9me3 Antibody / Trimethylated Histone H3 at Lysine 9 [clone RM389] (R20406)

Catalog No.	Formulation	Size
R20406-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

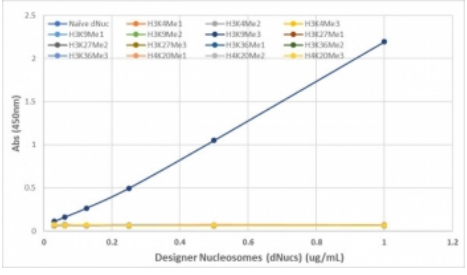
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM389
Purity	Protein A purified from animal origin-free supernatant
UniProt	P84243
Applications	Western blot: 0.5ug/ml-2ug/ml ELISA: 1ug/ml-10ug/ml
Limitations	This recombinant H3K9me3 antibody is available for research use only.



Western blot testing of recombinant histone H3.3 (lane 1) and acid extracts of HeLa cells (lane 2) with recombinant H3K9me3 at 0.5ug/ml showed a band of histone H3 trimethylated at Lysine 9 (K9me3) in HeLa cells.



ELISA of designer nucleosomes (dNucs) (recombinant human nucleosome with H3 K4, 9, 27, 36 and H4 K20 Mono-, Di-, and Tri-Methylation), using recombinant H3K9me3 antibody at 0.5ug/ml.

Description

This antibody reacts to Histone H3 trimethylated at Lysine 9 (K9me3). No cross reactivity with monomethylated Lysine 9 (K9me1), dimethylated Lysine 9 (K9me2), or other methylations in histone H3.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H3K9me3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A trimethyl-peptide corresponding to Trimethyl-Histone H3 (Lys9) was used as the immunogen for the recombinant H3K9me3 antibody.

Storage

Store the recombinant H3K9me3 antibody at -20oC.

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