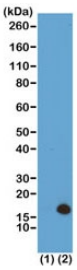
Recombinant H3K79me3 Antibody [clone RM157] (R20216)

Catalog No.	Formulation	Size
R20216-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20216-25UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	25 ug

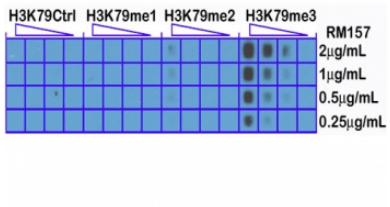
Recombinant RABBIT MONOCLONAL

Bulk quote request

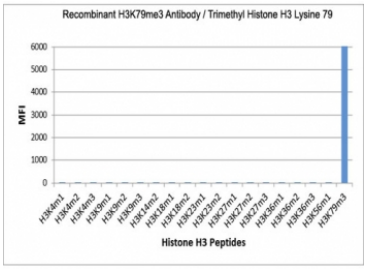
Availability	1-3 business days
Species Reactivity	All Species
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM157
Purity	Protein A purified from animal origin-free supernatant
UniProt	P84243
Gene ID	8350
Applications	Western Blot : 0.2-1ug/ml ELISA : 0.1ug/ml-0.5ug/ml
Limitations	This recombinant H3K79me3 antibody is available for research use only.



Western blot of recombinant Histone H3.3 (1) and acid extracts of HeLa cells (2) using recombinant H3K79me3 antibody at 0.5 ug/ml showed a band of Histone H3 trimethylated at Lysine 79 (K79me3) in HeLa cells.



A peptide dot blot shows the recombinant H3K79me3 antibody only reacts to Histone H3 trimethyl-Lysine 79 (K79me3). No cross reactivity with unmodified (H3K79Ctrl), monomethylated (K79me1), or dimethylated Lysine 79 (K79me2).



The recombinant H3K79me3 antibody specifically reacts to Histone H3 trimethylated at Lysine 79 (K79me3). No cross reactivity with other methylated lysines in Histone H3.

Description

This recombinant H3K79me3 antibody reacts to Histone H3 trimethylated at Lysine 79 (K79me3). No cross reactivity with monomethylated (K79me1) or dimethylated Lysine 79 (K79me2), or other methylations in Histone H3.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H3K79me3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A trimethyl-peptide corresponding to Trimethyl-Histone H3 (Lys79) was used as the immunogen for this recombinant H3K79me3 antibody.

Storage

Store the recombinant H3K79me3 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).