![NSJ BIOREAGENTS logo]

Recombinant H3K79me1 Antibody [clone RM147] (R20207)

| Catalog No.	Formulation	Size
R20207-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug
R20207-25UG	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
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM147
Purity	Protein A purified from animal origin-free supernatant
UniProt	P84243
Gene ID	8350
Applications	Western Blot : 0.2-1ug/ml ChIP : 2-10ug/mg of lysate ELISA : 0.2-1ug/ml
Limitations	This recombinant H3K79me1 antibody is available for research use only.
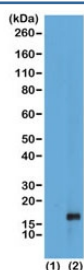
Western blot of recombinant histone H3.3 (1) and acid extracts of HeLa cells (2) using recombinant H3K79me1 antibody at 0.5 ug/ml showed a band of Histone H3 monomethylated at Lysine 79 (K79me1) in HeLa cells.
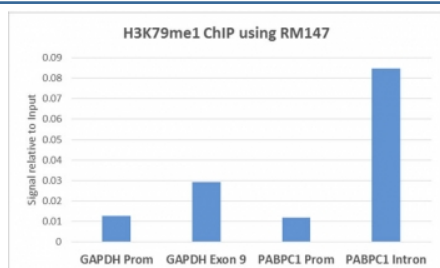
ChIP performed on HeLa cells using recombinant H3K79me1 antibody (5ug). Real-time PCR was performed using primers specific to the gene indicated.
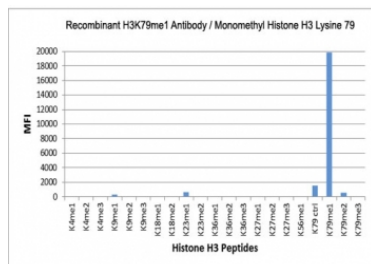
The recombinant H3K79me1 antibody specifically reacts to Histone H3 monomethylated at Lysine 79 (K79me1). No cross reactivity with dimethylated (K79me2), trimethylated (K79me3), or other methylations in histone H3.

Description

This recombinant H3K79me1 antibody reacts to Histone H3 monomethylated at Lysine 79 (K79me1). No cross reactivity with dimethylated (K79me2), trimethylated (K79me3) or other methylations of Histone H3.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant H3K79me1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A monomethyl-peptide corresponding to Monomethyl-Histone H3 (Lys79) was used as the immunogen for this recombinant H3K79me1 antibody.

Storage

Store the recombinant H3K79me1 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).