

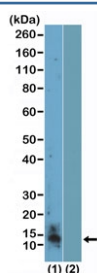
Symmetric Dimethyl-Histone H4 Antibody / Symmetric / Arginine 3 / H4R3me2s [clone RM459] (R20473)

Catalog No.	Formulation	Size
R20473-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

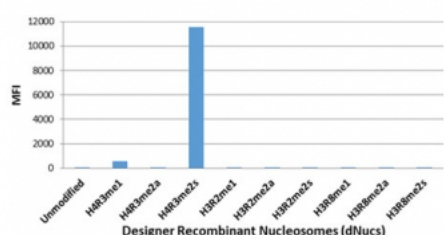
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM459
Purity	Protein A purified from animal origin-free supernatant
UniProt	P62805
Applications	Western Blot : 0.1ug/ml-2ug/ml
Limitations	This recombinant Symmetric Dimethyl-Histone H4 antibody is available for research use only.



Western blot testing of acid extracts of human K562 cells (1) and recombinant Histone H4 (2) using recombinant Symmetric Dimethyl-Histone H4 antibody at 0.1 ug/ml.



Luminex analysis of Designer Recombinant Nucleosomes (dNucs) with the recombinant Symmetric Dimethyl-Histone H4 antibody. Biotinylated dNucs with unmodified or different modified arginine pre-bind to Luminex beads coated with streptavidin. The beads were then incubated with 1.6 ng/ml of recombinant Symmetric Dimethyl-Histone H4 antibody, follow by PE-conjugated goat anti-rabbit IgG secondary antibody.

Description

This antibody reacts to Histone H4 symmetric dimethylated at Arginine 3 (R3me2s). No cross reactivity with unmodified Arginine 3, monomethylated or asymmetric dimethylated Arginine 3, or other methylated Arginine in Histone H4.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Symmetric Dimethyl-Histone H4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A symmetric dimethyl-Arginine 3 peptide from Histone H4 (Arg3) was used as the immunogen for the Symmetric Dimethyl-Histone H4 antibody.

Storage

Store the recombinant Symmetric Dimethyl-Histone H4 antibody at -20oC.