

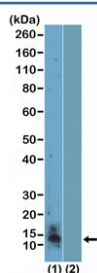
## Symmetric Dimethyl-Histone H4 Antibody / Symmetric / Arginine 3 / H4R3me2s [clone RM459] (R20473)

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

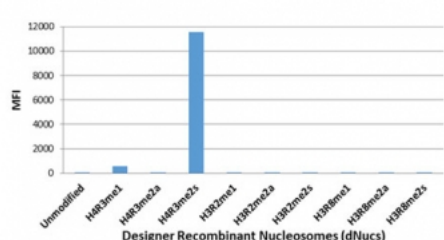
Recombinant **RABBIT MONOCLONAL**

[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.