

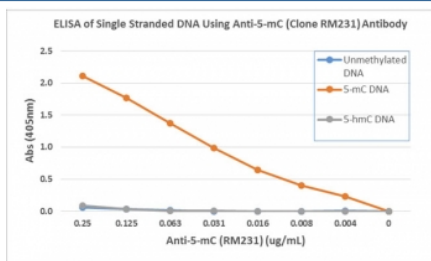
Recombinant 5mC Antibody [clone RM231] (R20245)

Catalog No.	Formulation	Size
R20245-50UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	50 ug

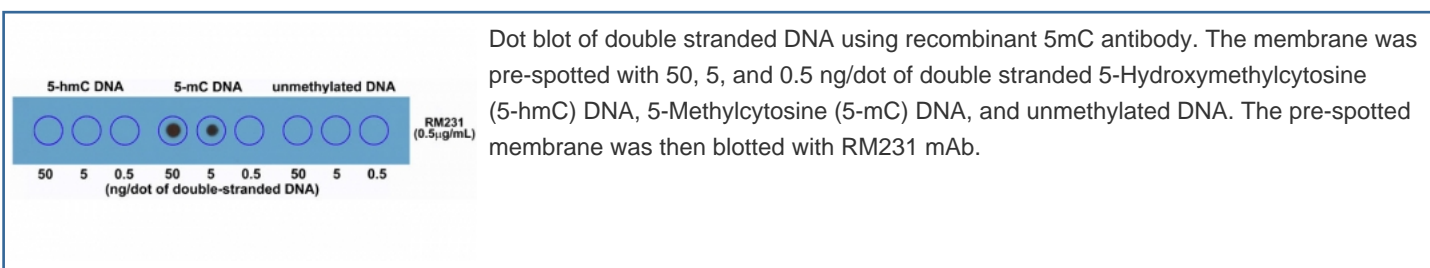
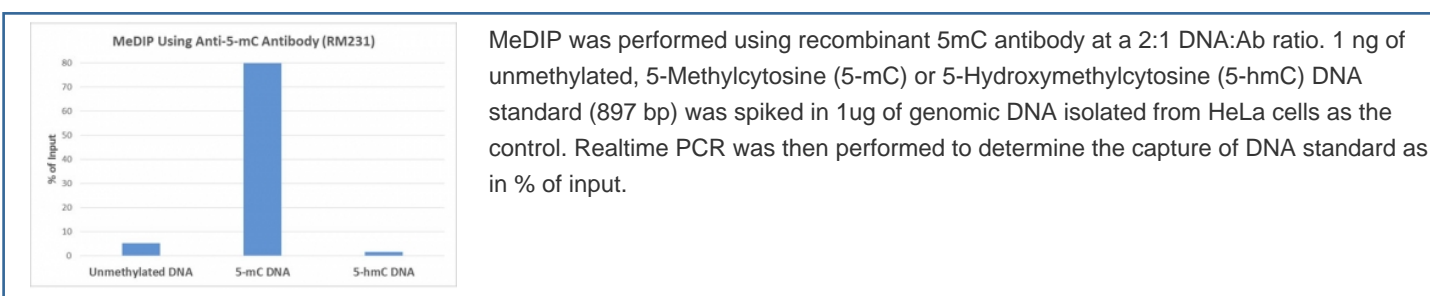
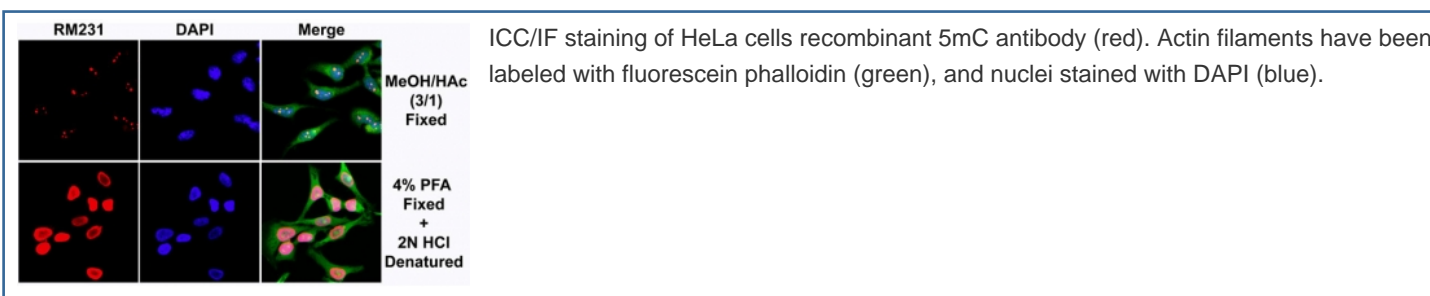
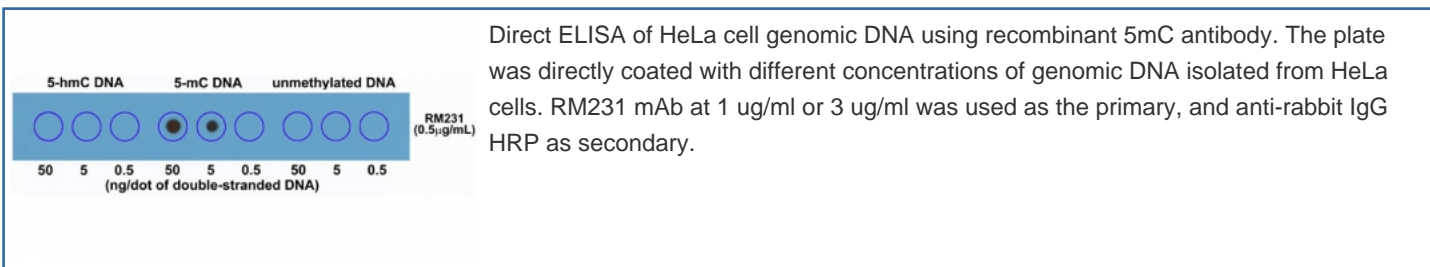
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM231
Purity	Protein A purified from animal origin-free supernatant
Gene ID	N/A
Applications	Dot Blot : 0.5-2ug/ml ELISA : 0.1-1ug/ml Immunocytochemistry : 0.5-2ug/ml MeDIP : 0.2ug/ml- 2ug/ml
Limitations	This recombinant 5mC antibody is available for research use only.



ELISA of single stranded DNA using recombinant 5mC antibody. The plate was coated with streptavidin and then biotinylated single stranded unmethylated DNA, 5-Methylcytosine (5-mC) DNA, and 5-Hydroxymethylcytosine (5-hmC) DNA. A serial dilution of RM231 was used as the primary, and an anti-rabbit IgG AKP secondary.



Description

This recombinant 5mC antibody reacts to 5-methylcytosine in both single-stranded and double-stranded DNA. No cross reactivity with non-methylated cytosine and hydroxymethylcytosine in DNA.

Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant 5mC antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

BSA-conjugated 5-methylcytosine was used as the immunogen for this recombinant 5mC antibody.

Storage

Store the recombinant 5mC antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).

