

## H3.3 K36M oncohistone mutant Recombinant Rabbit Monoclonal Antibody (RM193), ChIP-Verified

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	RM193
Conjugate	Unconjugated
Immunogen	Peptide corresponding to Acetyl-Histone H3 (Arg36).
Form	Liquid
Concentration	0.25 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.2-7.4, with 50% glycerol, 1% BSA
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2661910

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200-1:1,000	-
Immunohistochemistry (IHC)	1:100-1:500	-
ELISA (ELISA)	1:250-1:2500	-
ChIP assay (ChIP)	1-5 µg/mL	-

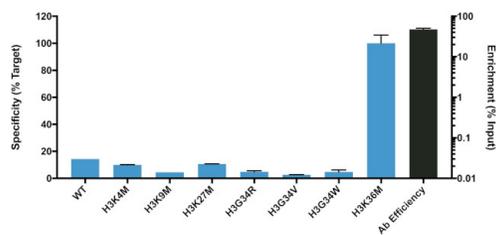
### Product Specific Information

This antibody reacts to the Histone H3 K36M mutant. No cross reactivity with wild type Histone H3.

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

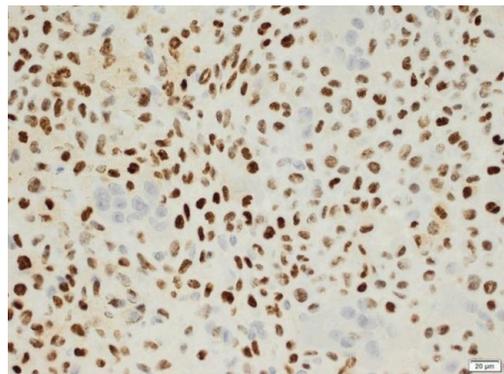
[Click here for Master Lot linking information.](#)

## Product Images For H3.3 K36M oncohistone mutant Recombinant Rabbit Monoclonal Antibody (RM193), ChIP-Verified



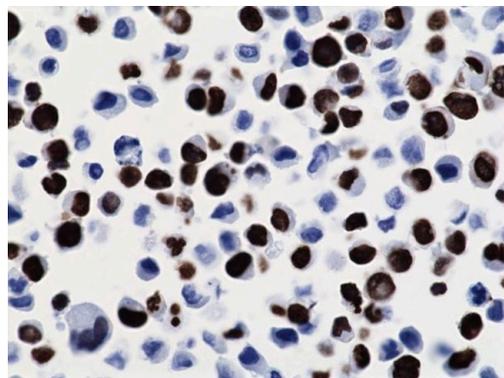
### H3.3 K36M oncohistone mutant Antibody (MA5-24680)

Antibody specificity was demonstrated by detection of enrichment of the targeted histone modification using SNAP-ChIP™ Spike-in, a proprietary technology developed by <a href="https://www.epicypher.com">EpiCypher™</a>. SNAP-ChIP™ spike-in was performed using H3.3 K36M Recombinant Rabbit Monoclonal Antibody (Product # MA5-24680) and H3.3 K36M was enriched compared to the other histone modifications in the SNAP-ChIP™ OncoStat Panel (Product # A47343). {SNAP-ChIP}



### H3.3 K36M oncohistone mutant Antibody (MA5-24680) in ICC/IF

Immunocytochemical staining of formalin fixed and paraffin embedded 293T cells transfected with a DNA construct encoding Histone H3 K36M, stained with Acetyl-Histone H3 (Arg36) Antibody (Product # MA5-24680).



### H3.3 K36M oncohistone mutant Antibody (MA5-24680) in IHC (P)

Immunohistochemical staining of formalin fixed paraffin embedded (FFPE)

Chondroblastoma tumor cell tissue sections. Samples were probed using an Acetyl-Histone H3 (Arg36) Antibody (Product # MA5-24680). Image courtesy of Adrienne Flanagan, Department of Histopathology, RONH, Stanmore, Middlesex, UK.

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