

# H3K4me2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human histone H3 (NP_0035201)
Form	Liquid
Concentration	0.28 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.01% thimerosal
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2807915

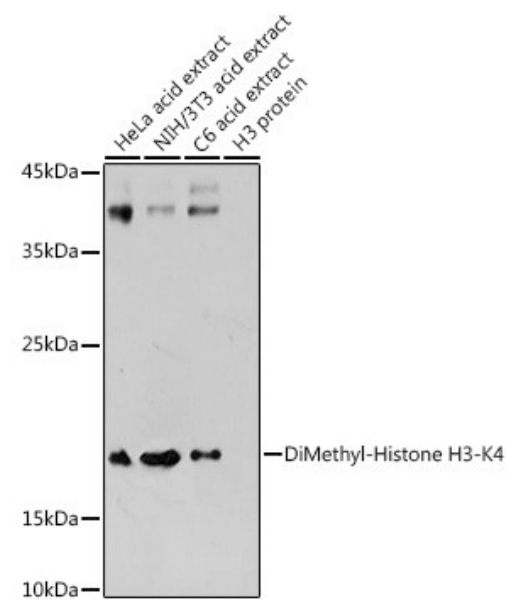
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50-1:200	-
Immunoprecipitation (IP)	1:50-1:200	-
ChIP assay (ChIP)	1:50-1:200	-
ChIP-sequencing (ChIP-Seq)	1:50-1:200	-
Dot blot (DB)	Assay-dependent	-

## Product Specific Information

Positive Samples: HeLa, H3 protein; Cellular Location: Chromosome, Nucleus

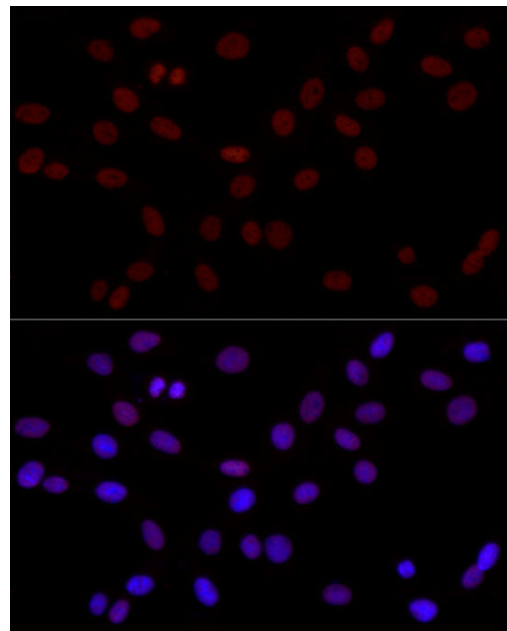
Immunogen sequence: ARTKQTARKS TGGKAPRK

Product Images For H3K4me2 Polyclonal Antibody



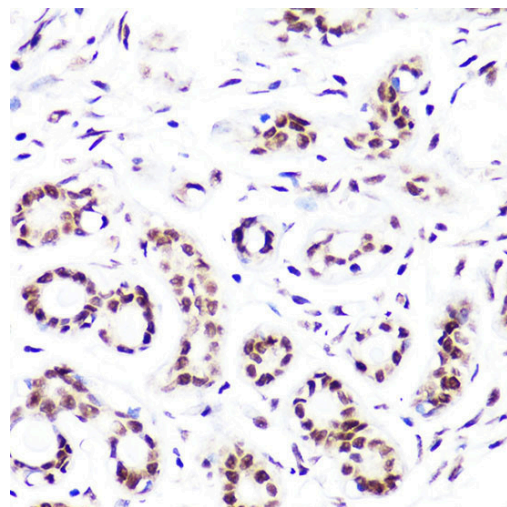
H3K4me2 Antibody (PA5-96113) in WB

Western blot analysis of H3K4me2 in extracts of various cell lines. Samples were incubated with H3K4me2 Polyclonal antibody (Product # PA5-96113) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



H3K4me2 Antibody (PA5-96113) in ICC/IF

Immunofluorescence analysis of H3K4me2 in PC-12 cells. Samples were incubated with H3K4me2 Polyclonal antibody (Product # PA5-96113) using a dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



H3K4me2 Antibody (PA5-96113) in IHC (P)

Immunohistochemistry analysis of H3K4me2 in paraffin-embedded human breast. Samples were incubated with H3K4me2 Polyclonal antibody (Product # PA5-96113) using a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

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