Histone H3K9me1 (Mono-methyl Lys9) antibody

Cat. No. GTX12177

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, IHC-P
Reactivity	Human, Mouse, Rat, Drosophila, Bovine, Chicken, Caenorhabditis elegans, Frog

Package
50 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1,000
IHC-P	Assay dependent

Not tested in other applications.

PROPERTIES

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	synthetic methylated peptide corresponding to amino acids 7-20 [Me-Lys9] of human histone H3. The sequence is identical in many species.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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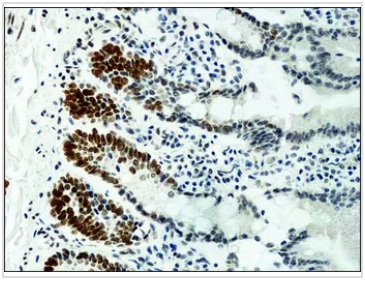
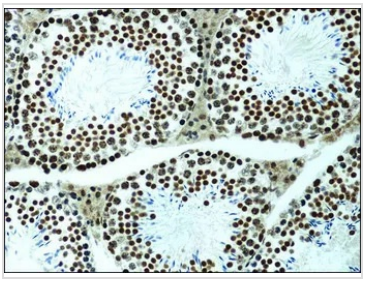
DATA IMAGES



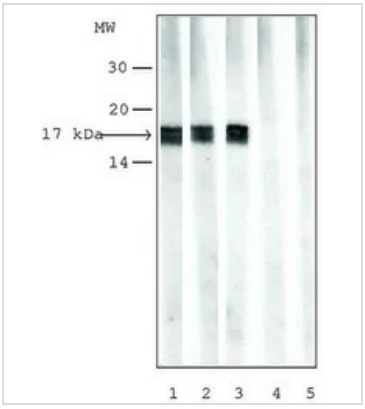
GTX12177 IHC-P Image

IHC-P analysis of rat esophagus tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 µg/mL.



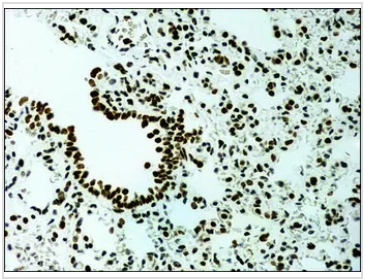
GTX12177 IHC-P Image

IHC-P analysis of mouse brain tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 µg/mL.



GTX12177 WB Image

WB analysis of HeLa cell lysate using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody.
Lane 1 : Positive control HeLa cells whole cell extract
Lane 2-3 : no inhibition with non-methylated Histone H3 peptide peptide (5 and 10 µg/mL)
Lane 4-5 : inhibition with the methylated (Me-Lys9) Histone H3 peptide (5 and 10 µg/mL)



GTX12177 IHC-P Image

IHC-P analysis of rat lung tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 µg/mL.

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