

## Histone H3K9me1 (mono-methyl Lys9) antibody

## Cat. No. GTX54101

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, Dot, ChIP assay
Reactivity	Human, Mouse, Rat

Package  
100  $\mu$ l

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000
ICC/IF	1:50 - 1:200
IHC-P	1:50 - 1:200
Dot	Assay dependent
ChIP assay	1:20 - 1:100

Not tested in other applications.

## Properties

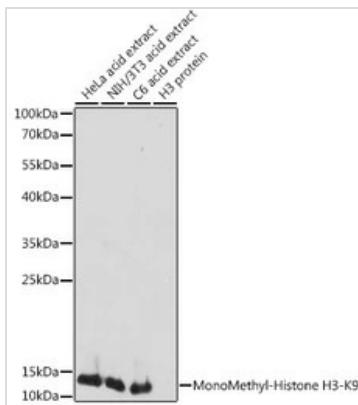
Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	0.05% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic methylated peptide corresponding to residues surrounding K9 of human histone H3
Purification	Purified by affinity chromatography
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	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.



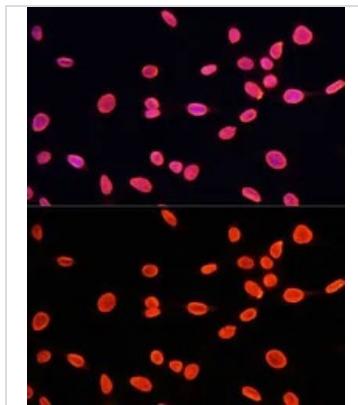
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## DATA IMAGES



## GTx54101 WB Image

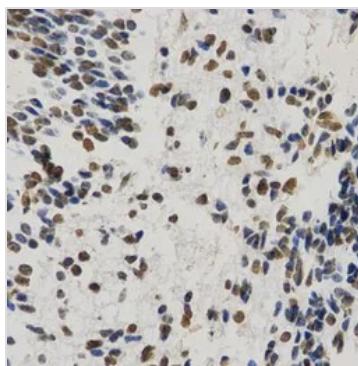


## GTx54101 ICC/IF Image

ICC/IF analysis of C6 cells using GTx54101 Histone H3K9me1 (mono-methyl Lys9) antibody.

Blue : DAPI

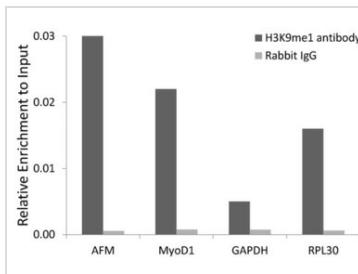
Dilution : 1:100



## GTx54101 IHC-P Image

IHC-P analysis of human embryo brain tissue using GTx54101 Histone H3K9me1 (mono-methyl Lys9) antibody.

Dilution : 1:200



## GTx54101 ChIP assay Image

ChIP analysis of 293 cell lysate using GTx54101 Histone H3K9me1 (mono-methyl Lys9) antibody. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



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