

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 µl

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

Note

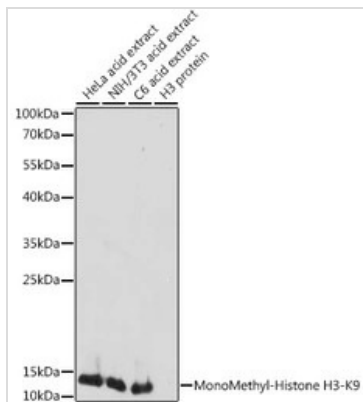
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DATA IMAGES



GTX54101 WB Image

WB analysis of various sample lysates using GTX54101 Histone H3K9me1 (mono-methyl Lys9) antibody.

Dilution : 1:1000

Loading : 25µg per lane

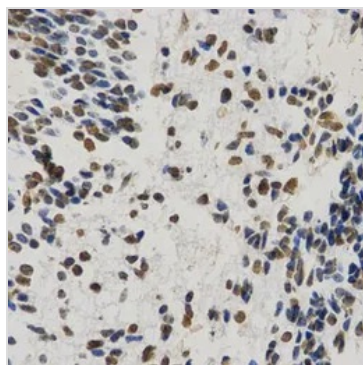


GTX54101 ICC/IF Image

ICC/IF analysis of C6 cells using GTX54101 Histone H3K9me1 (mono-methyl Lys9) antibody.

Blue : DAPI

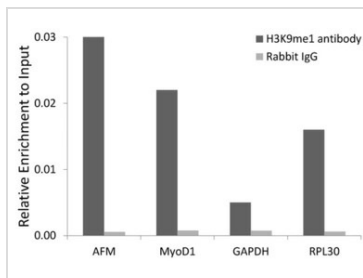
Dilution : 1:100



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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