

Histone H3K9me1 (Mono-methyl Lys9) antibody

Cat. No. GTX12177

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

Package
50 µl

Applications

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 4°C. For long-term storage, aliquot and store at -20°C 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

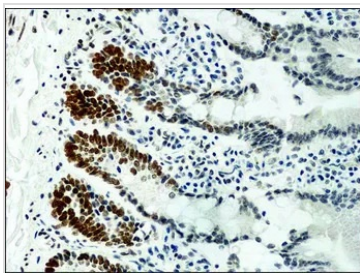
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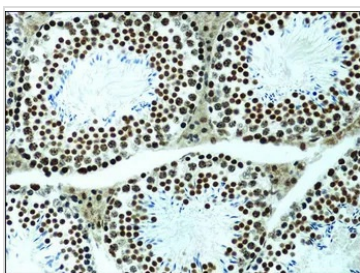


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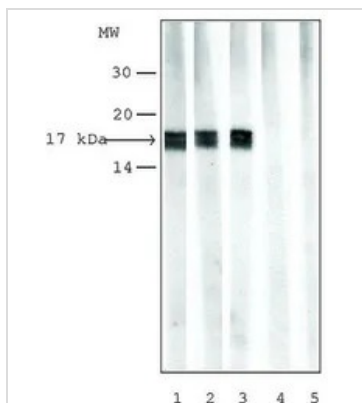
DATA IMAGES

**GTX12177 IHC-P Image**

IHC-P analysis of rat esophagus tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 $\mu\text{g/mL}$.

**GTX12177 IHC-P Image**

IHC-P analysis of mouse brain tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 $\mu\text{g/mL}$.

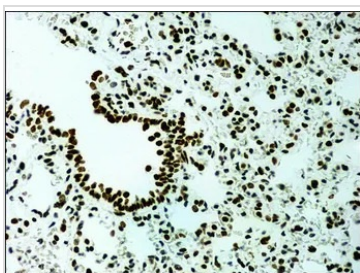
**GTX12177 WB Image**

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 (5 and 10 $\mu\text{g/mL}$)

Lane 4-5 : inhibition with the methylated (Me-Lys9) Histone H3 peptide (5 and 10 $\mu\text{g/mL}$)

**GTX12177 IHC-P Image**

IHC-P analysis of rat lung tissue using GTX12177 Histone H3K9me1 (monomethyl Lys9) antibody at 0.1 $\mu\text{g/mL}$.



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