

Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149]

Cat. No. GTX638127

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, Dot
Reactivity	Human

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
Dot	Assay dependent

Not tested in other applications.

Observed MW (kDa) 17 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	Carrier-protein conjugated synthetic peptide surrounding tri-methyl Lys9 of human Histone H3. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

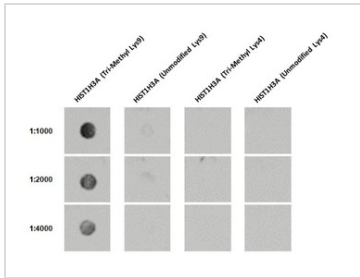
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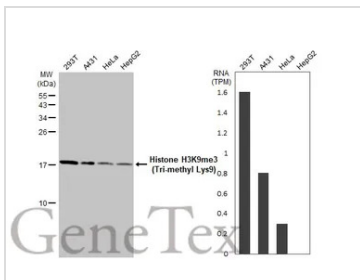
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DATA IMAGES



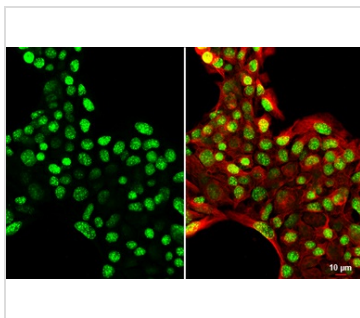
GTX638127 Dot Image

Dot blot analysis of anti-Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149] with peptide samples. Peptide samples were spotted onto positively charged nylon membrane and blotted with Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149] (GTX638127) varied dilution.



GTX638127 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149] (GTX638127) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GTX638127 ICC/IF Image

Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149] detects Histone H3K9me3 (Tri-methyl Lys9) protein at cytoplasm by immunofluorescent analysis.

Sample: HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Histone H3K9me3 (Tri-methyl Lys9) stained by Histone H3K9me3 (Tri-methyl Lys9) antibody [HL2149] (GTX638127) diluted at 1:500.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.



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