

Mouse Histone H3K9me3 Monoclonal Antibody | anti-H3K9me3 antibody

Histone H3K9me3 antibody (mAb)(Clone MABI 0319)

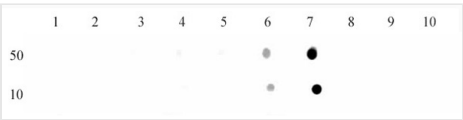
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59964	Mouse	Human, Wide Range Predicted	Western Blot, Immunofluorescence, Immunocytochemistry, Dot Blot, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

Histone H3K9me3; Monoclonal Antibody; Histone H3K9me3 antibody (mAb)(Clone MABI 0319); anti-H3K9me3 antibody

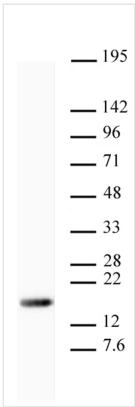
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Wide Range Predicted
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	MABI 0319
Purity/Purification	Protein G Chromatography
Form/Format	PBS pH7.5 containing 30% glycerol, 0.3 M NaCl, and 0.035% sodium azide. Sodium azide is highly toxic.
Concentration	1ug/ul (varies by lot)
Applicable Applications for anti-H3K9me3 antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), DB (Dot Blot), ChIP (Chromatin immunoprecipitation)
Conjugation	Methylated
Immunogen	This Histone H3 trimethyl Lys9 antibody was raised against a peptide containing trimethyl Lys9 of human Histone H3.
Abs Residue	Lys
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul



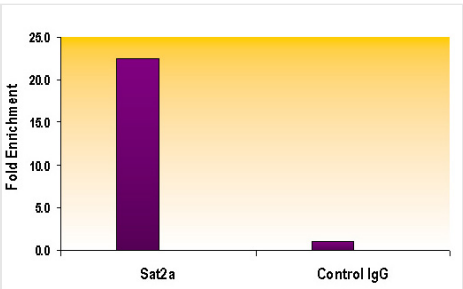
DB (Dot Blot)

Histone H3 trimethyl Lys9 antibody tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of Histone H3 trimethyl Lys9 antibody for trimethyl Lys9 of histone H3. Recombinant methylated histone proteins corresponding to the immunogen and related sequences were spotted onto PVDF and probed with Histone H3 trimethyl Lys9 at 2 ug/ml. The amount of protein (picomoles) spotted is indicated next to each row. Lane 1: unmodified H3 protein. Lane 2: monomethyl Lys4 protein. Lane 3: dimethyl Lys4 protein. Lane 4: trimethyl Lys4 protein. Lane 5: monomethyl Lys9 protein. Lane 6: dimethyl Lys9 protein. Lane 7: trimethyl Lys9 protein. Lane 8: monomethyl Lys27 protein. Lane 9: dimethyl Lys27 protein. Lane 10: trimethyl Lys27 protein.



WB (Western Blot)

Western blot of Histone H3 trimethyl Lys9 antibody. HeLa nuclear extract (20 ug per lane) probed with Histone H3 trimethyl Lys9 antibody (2 ug/ml dilution).



ChIP (Chromatin Immunoprecipitation)

Histone H3 trimethyl Lys9 antibody tested by ChIP. Chromatin IP performed using the ChIP-IT Express Kit and HeLa Chromatin (1.5 x 106 cell equivalents per ChIP) using 10 ug of Histone H3 trimethyl Lys9 pAb or the equivalent amount of rabbit IgG. RT-qPCR was performed on DNA purified from each of the ChIP DNA using a primer pair for the SAT2 alpha gene. Data are presented as Fold Enrichment of the antibody signal versus the negative control IgG using the ddCT method.

ADDITIONAL INFORMATION

Related Product Information for anti-H3K9me3 antibody	Short Description: Our Histone H3K9me3 antibody (mAb)(Clone MABI 0319) was raised in a Mouse host. It has been validated for use in Chromatin Immunoprecipitation, Dot blot, Immunocytochemistry, Immunofluorescence and Western blot; it has been shown to react with Human samples, but it is predicted that it will react with a wide range of sample types.
Product Categories/Family for anti-H3K9me3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	17kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/histone-h3k9me3-antibody-clone-mabi-0319-western-blot-immunofluorescence-immunocytochemistry-dot-blot-chromatin-immunoprecipitation-elisa/59964>