Histone H3K9me1 (Mono-methyl Lys9) antibody - ChIP grade

Cat. No. GTX60356

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, Dot, ELISA, ChIP assay
Reactivity	Human

Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1,000
ICC/IF	1:200
Dot	1:200,000
ELISA	1:2,000 - 1:3,000
ChIP assay	10 µl

Not tested in other applications.

Properties

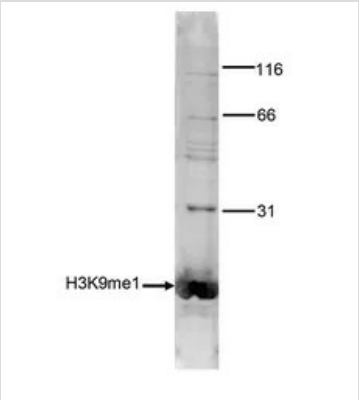
Form	Liquid
Buffer	Serum
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Immunogen	Histone H3 containing the monomethylated lysine 9 (H3K9me1), using a KLH-conjugated synthetic peptide.
Purification	Unpurified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. 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.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

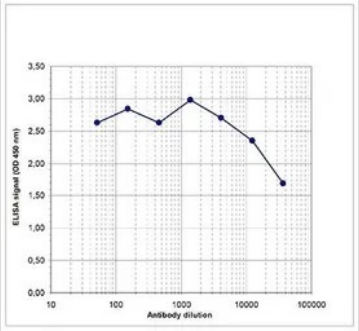
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



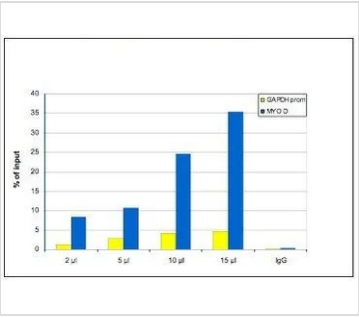
GTX60356 WB Image

WB analysis of histone extracts (15 µg) from HeLa cells using GTX60356 Histone H3K9me1 (Mono-methyl Lys9) antibody - ChIP grade.
Dilution : 1:1000



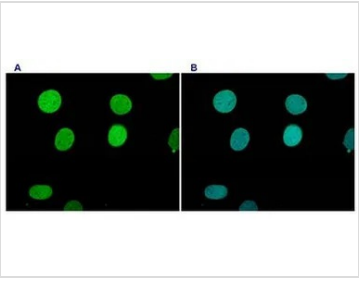
GTX60356 ELISA Image

ELISA analysis of peptide containing the histone modification of interest using GTX60356 Histone H3K9me1 (Mono-methyl Lys9) antibody - ChIP grade.



GTX60356 ChIP assay Image

ChIP analysis of sheared chromatin from 1.6x10^6 U2OS cells using GTX60356 Histone H3K9me1 (Mono-methyl Lys9) antibody - ChIP grade. A titration of the antibody consisting of 2, 5, 10 and 15 µl per ChIP experiment was analysed. IgG (5 µg/IP) was used as negative IP control. Quantitative PCR was performed using primers for the promoter of the housekeeping gene GAPDH and for the coding region of the myogenic differentiation gene (MYOD), a gene that is inactive at normal conditions. This figure shows the recovery, expressed as a % of input (the relative amount of immunoprecipitated DNA compared to input DNA after qPCR analysis).



GTX60356 ICC/IF Image

ICC/IF analysis of paraformaldehyde fixed HeLa cells using GTX60356 Histone H3K9me1 (Mono-methyl Lys9) antibody - ChIP grade.
Green : Primary antibody
Blue : DAPI
Dilution : 1:200

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com