Histone H3K9me3S10ph (Tri-methyl Lys9 / phospho Ser10) antibody [RM162]

Cat. No. GTX33602

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Human

Package
100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.01 µg/mL - 1 µg/mL
ELISA	0.01 µg/mL - 0.5 µg/mL

Not tested in other applications.

Product Note	This antibody reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p).

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 50% Glycerol
Preservative	0.09% 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.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	A trimethyl-phospho-peptide corresponding to Trimethyl- Phospho-Histone H3 (Lys9/Ser10).
Purification	Protein A purified From tissue culture supernatant
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.

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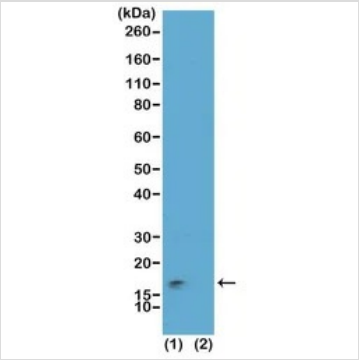
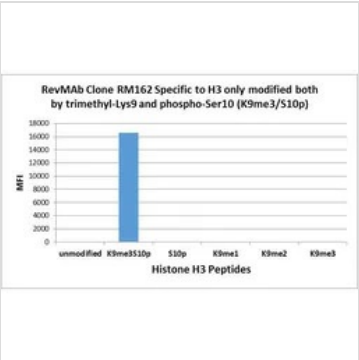
DATA IMAGES



GTX33602 WB Image

WB analysis of acid extracts of HeLa cells (1) andrecombinant histone H3.3 (2) using GTX33602 Histone H3K9me3S10ph (Tri-methyl Lys9 / phospho Ser10) antibody [RM162].
Dilution : 0.01µg/ml



GTX33602 Image

The GTX33602 reacts to Histone H3 only when modified by both trimethylation at lysine 9 and phosphorylation at serine 10 (K9me3/S10p). Nocross reactivity with non-modified Lysine 9/ Serine 10,methylated Lysine 9 (K9me1, k9me2, k9me3) ONLY, or phosphorylation at Serine 9 ONLY in Histone H3.

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