

# Product Information



## Histone H3 Dimethyl (K)-Phospho (S) Monoclonal Antibody

Cat No: G01056 - 100 µL

### General Data

<b>Shipping:</b>	wet ice
<b>Formulation:</b>	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
<b>Host:</b>	Mouse
<b>Antigen:</b>	Ovalbumin conjugated synthetic peptide ASGSSRSKS[dimethyl K]DRKYTL(C) corresponding to aa 180-195 of human TAF10. The generated 51TA2H12 clone recognizes S10- or S28-phosphorylated histone H3, but only when doubly modified with H3K9me2 or H3K27me2 (see re
<b>Clone:</b>	2H12
<b>Isotype:</b>	IgG1, κ
<b>Application(s):</b>	ELISA  Western Blot  Immunofluorescence  Immunoprecipitation  Recommended dilutions: 1/500-1/5000
<b>Specificity:</b>	dimethylated (K9)-phosphorylated (S10) histone H3 or dimethylated (K27)- phosphorylated (S28) histone H3. These histone H3 modifications are correlated with mitosis.



### Scientific Literature

Eberlin A, Grauffel C, Oulad-Abdelghani M, Robert F, Torres-Padilla ME, Lambrot R, Spehner D, Ponce-Perez L, Würtz JM, Stote RH, Kimmins S, Schultz P, Dejaegere A, Tora L. Histone H3 tails containing dimethylated lysine and adjacent phosphorylated serine modifications adopt a specific conformation during mitosis and meiosis. Mol Cell Biol. 2008 Mar;28(5):1739-54.

FP/25/24

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