

Monoclonal anti-Dimethyl (K9)-Phospho (S10) Histone H3

Mitosis Marker

Ref: AO-01- H3-2C5

Volume: 10, 25, 50 and 100 µl

Clone: 6HH3-2C5

Format : Crude Ascites Fluid

Immunogen : Ovalbumin conjugated synthetic peptide: AR[dimethyl-K][phospho S]TGGKAPRKQL-(C) corresponding to aa 7-20 of Histone H3 (17 kDa). This sequence is conserved in a wide range of species.

Murine Isotype: IgG1, K

Specificity dimethylated (K9)-phosphorylated (S10) histone H3. This histone H3 modification is correlated with mitosis.

Applications :

- ELISA
- Western blot
- Immunoprecipitation
- Immunofluorescence

Recommended dilutions: 1/500-1/5000

Storage: Store at -20°C (up to 3 years). Avoid repeat freezing and thawing cycles.

Does not contain any preservative

Reference Yue Zhao, Guillaume Lang, Saya Ito, Jacques Bonnet, Eric Metzger, Shun Sawatsubashi, Eriko Suzuki, Xavier Le Guezennec, Hendrik G. Stunnenberg, Aleksey Krasnov, Sofia G. Georgieva, Roland Schüle, Ken-Ichi Takeyama, Shigeaki Kato, László Tora, Didier Devys. A TFTC/STAGA Module Mediates Histone H2A and H2B Deubiquitination, Coactivates Nuclear Receptors, and Counteracts Heterochromatin Silencing. Mol Cell 2008. 29: 92–101