Anti-Mono-ubiquitinated H2B monoclonal antibody (Yeda)

code: T4-240

Moshe Oren, Biology, Molecular Cell Biology

Summary

240 - Monoclonal antibody directed to ubiquitinated-H2B Description: Monoclonal antibodies, specific to ubiquitinated-H2B in its ubiquitinated form but not in its unmodified state, or to ubiquitin un-conjugated to H2B. Monoubiquitylated-H2B takes part in almost every molecular process associated with chromatin biology Including transcription initiation and elongation ,DNA damage response and repair, DNA replication, nucleosome positioning, RNA processing and export etc. May be used as a detection tool in western blotting, immunoprecipitation and chromatin immunoprecipitation.

Reference: Shema E, Tirosh I, Aylon Y, Huang J, Ye C, Moskovits N, Raver-Shapira N, Minsky N, Pirngruber J, Tarcic G, Hublarova P, Moyal L, Gana-Weisz M, Shiloh Y, Yarden Y, Johnsen SA, Vojtesek B, Berger SL, Oren M. 2008. The histone H2B-specific ubiquitin ligase RNF20/hBRE1 acts as a putative tumor suppressor through selective regulation of gene expression. Genes Dev. 1;22(19):2664-76.

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