

## Monoclonal Anti-acetylated Histone H4

**Ref:** AO-01-H4-2C2

**Volume:** 10, 25, 50 and 100 µl

**Format:** Crude ascites fluid

**Clone:** 3HH4-2C2

**Immunogen:** synthetic peptide: MSGRG(acetyl-K)GG(acetyl-K)GLG(acetyl-K)GGA(acetyl K)RHRKVLR-(C) corresponding to aa 1 to 24 of human histone H4. This sequence is conserved in a wide range of species.

**Murine Isotype:** IgG1, κ

**Specificity:** Acetylated histone H4 at positions K5, K8, K12 or K16.

### 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*

### References:

Brand M, Moggs JG, Oulad-Abdelghani M, Lejeune F, Dilworth FJ, et al. (2001) UV damaged DNA-binding protein in the TFIIIC complex links DNA damage recognition to nucleosome acetylation. *Embo J* 20: 3187-3196.

Dilworth FJ, Fromental-Ramain C, Yamamoto K, Chambon P. ATP-driven chromatin remodeling activity and histone acetyltransferases act sequentially during transactivation by RAR/RXR In vitro. *Mol Cell*. 2000. 6(5):1049-58