8-OHdG (8-Hydroxy-2´-deoxyguanosine)
ANTIBODY, MONOCLONAL

Catalog no.: AA1005.1 / AA1005.2
Immunogen: 8-OHdG keyhole limpet hemocyanin-conjugated
Host: Mouse
Clone no.: N45.1
Isotype: IgG1(κappa)
Matrix: Ascites, ammonium sulphate purified
Specificity: 8-OHdG in human, rabbit, rat and mouse tissue and cells

There was no cross reactivity obtained with 19 analogues of 8-OHdG: guanosine (G), 7-methyl-G, 6-SH-G, 8-bromo-G, dA, dC, dT, dl, dU, dG, O6-methyl-dG, 8-OHdA, guanine (Gua), O6-methyl-Gua, 8-OHGuA, uric acid, urea, creatine, creatinine. Only 8-sulfhydryl-G and 8-OHG demonstrate minimal cross-reactivity (less than 1%).

Contents: 20 µg / 100 µg (lyophilized)
Resuspend in 200 µl / 1000 µl aqua bidest for 100 µg/ml

Known applications: ELISA³, immunohistochemistry (paraffin sections, 3-5 µg/ml)¹,²,³,⁴,⁵,⁶, immunocytochemistry

This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.

Store at: 2-8 °C (short-term storage); - 20 °C (long-term storage)
Repeated thawing and freezing must be avoided

References:


**Last updated on:** 26 July 2018

**For research use only**

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