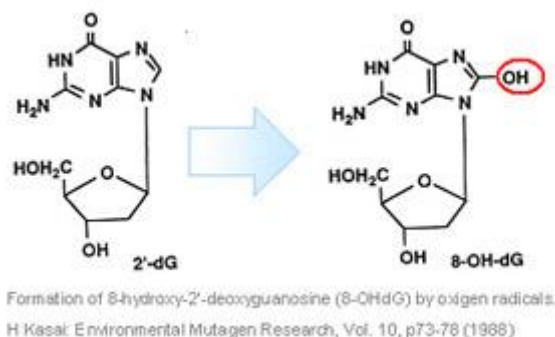


Anti 8-OHdG monoclonal antibody(N45.1)

货号 BN24865



Reactive oxygen species (ROS) and oxidative stress may be crucial for development of various diseases such as diabetes, cancer, and may play an important role in the aging process. 8-hydroxy-2'-deoxyguanosine (8-OHdG) is a product of oxidatively damaged DNA formed by hydroxy radical, singlet oxygen and direct photodynamic action. 8-OHdG can be detected in tissue, serum, urine and other biomaterials. Anti 8-OHdG monoclonal antibody (clone N45.1) is highly specific for DNA damage, not cross react with RNA oxidation products such as 8-hydroxy-guanine and 8-hydroxy-guanosine. Suitable for immunohistochemistry and ELISA.

Specifications

| | |
|---------------------|---|
| Clone #: | N45.1 |
| Antigen: | 8-OHdG-conjugated Keyhole Limpet Hemocyanin |
| Subclass: | Mouse IgG ₁ (kappa) Prepared as ascite, and ammonium sulphate purified. |
| Form: | Lyophilized Powder |
| Package: | 20 or 100 µg of IgG / vial (MOG-020P and MOG-100P respectively). |
| Specificity: | 19 analogues of 8-OHdG {guanosine (G), 7-methyl-G, 6-SH-G, 8-bromo-G, dA, dC, dT, dI, dU, dG, O ⁶ -methyl-dG, 8-OHdA, guanine (Gua), O ⁶ -methyl-Gua, 8-OHGua, uric acid, Urea, creatine, creatinine} demonstrate no cross-reactivity. Only 8-sulphydryl-G and 8-OHG demonstrate minimal cross-reactivity (less than 1%). |
| Use: | Immunohistochemistry and ELISA |
| Storage: | Less than -20° C for 5 years When transport, stable at least 7 days at room temperature. |

本产品仅用于科研

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