Anti-8-Hydroxy-2’-deoxyguanosine (8-OHdG) Monoclonal Antibody (N45.1)

Catalog #:  
1) MOG-020P  
2) MOG-100P

Content:  
1) 20μg of IgG / vial. Lyophilized powder.  
2) 100μg of IgG / vial. Lyophilized powder.

Clone #: N45.1

Immunogen: 8-Hydroxy-2’-deoxyguanosine (8-OHdG) conjugated keyhole limpet hemocyanin.

Subclass: Mouse IgG1(κ), Prepared as ascite, and ammonium sulfate purified.

Application: Immunohistochemistry (Recommended concentration: 5～10μg/mL IgG). ELISA

Reconstitution:  
1) Reconstitute with 200μL of distilled water.  
2) Reconstitute with 1000μL of distilled water.

Buffer Concentration: 100μg/mL IgG in 10mM Phosphate buffered saline, pH7.4 containing 1.0% BSA

Specificity: 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} demonstrate no cross-reactivity. Only 8-sulfhydryl-G and 8-OHG demonstrate minimal cross-reactivity (less than 1%). [ref.1]

Storage: Store at less than -20°C.  
After reconstitution, store as frozen aliquots and avoid repeated freeze & thaw.

Stability: 5 years at -20°C.

References:  

For research use only, not for diagnostic use.