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This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS10 708-100

8-Hydroxyguanosine | DNA/RNA oxidative damage (clone 15A3)

Product information

Immunogen	8-hydroxy-guanosine-BSA and – casein conjugates
Host	Mouse
Clonality	Monoclonal
Subclass/isotype	IgG2A
Purity	Total IgG fraction. Protein G purified.
Format	Liquid
Quantity	100 µg
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	Protein G purified IgG2B in PBS, pH 7,4 with 0,09 % sodium azide and 50 % glycerol at concentration 0,65 mg/ml

Application information

Recommended dilution	The optimal working dilution should be determined by the investigator
Confirmed reactivity	Recognizes markers of oxidative damage to DNA (8-hydroxy-2'-deoxyguanosine, 8-hydroxyguanine and 8-hydroxyguanosine)
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Protocol for immunostaining using this antibody can be found here.
Selected references	Poborilova et al. (2015). DNA hypomethylation concomitant with the overproduction of ROS induced by naphthoquinone juglone on tobacco BY-2 suspension cells. Environmental and Experimental Botany, Volume 113, May 2015, Pages 28–39. Haigh and Drew (2015). Cavitation during the protein misfolding cyclic amplification (PMCA) method - The trigger for de novo prion generation? Biochem Biophys Res Commun. 2015 Apr 17. pii: S0006-291X(15)00726-3. doi: 10.1016/j.bbrc.2015.04.048.