



Northwest

Life Science Specialties, LLC

Anti 8-Hydroxydeoxyguanosine (8-OHdG) Clone 15A3

Cat #:	NWA-8OHDG (100 µg)		
Description:	Mouse IgG2a anti 8-hydroxydeoxyguanosine (Monoclonal)		
Format:	Protein G-purified antibody in PBS, pH 7.4		
Concentration:	0.7 mg/mL		
Lot:	0405a		
Suggested Use:	IHC using formalin-fixed, paraffin embedded sections:	N/D	
	IHC using paraformaldehyde fixed, frozen sections:	N/D	
	Western blot:	N/D	
	ELISA (using immunizing peptide):	1:30,000	
	Titer optimization should be conducted by the client for each individual application.		
Specificity:	This antibody recognizes 8-hydroxy-2'-deoxyguanosine (8-OHdG), 8-hydroxyguanine and 8-hydroxyguanosine (8-OHG).		
Cross Reactivity:	This antibody is not species specific and should cross react with 8-OHdG present in all species.		
Shipping/Storage:	Refrigerate at 4 °C upon arrival for short term storage. For longer storage freeze at -20 °C to -70 °C in suitable aliquots to avoid repeated freeze/thaw conditions		
References:	Park et al. (1992) <i>Proc Natl Acad Sci(USA)</i> 89: 3375-3379 Nunomura et al.(1999) <i>J Neuroscience</i> 19: 1959-1964 Cui et al. (1999) <i>J Neurochemistry</i> 73:1164-1174 Salganik et al. (2000) <i>Carcinogenesis</i> 21: 909-914		

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