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Product Datasheet

8-Oxoguanine DNA Glycosylase Antibody, IgG2c, Clone: [CPTC-OGG1-1], Mouse, Monoclonal NBT-4968-MSM1-P1ABX

Article Name	8-Oxoguanine DNA Glycosylase Antibody, IgG2c, Clone: [CPTC-OGG1-1], Mouse, Monoclonal
Biozol Catalog Number	NBT-4968-MSM1-P1ABX
Supplier Catalog Number	4968-MSM1-P1ABX
Alternative Catalog Number	NBT-4968-MSM1-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant full-length human OGG1 protein
Product Description	8-oxoguanine (8-oxoG), an oxidized form of guanine, is produced by reactive oxygen species in both DNA and nucleotide pools during normal aging. Accumulation of 8-oxoG increases the occurrence of A:T to C:G or G:C to T:A transversion mutations, because...
Clonality	Monoclonal
Clone Designation	[CPTC-OGG1-1]
Molecular Weight	39kDa
Isotype	IgG2c

NCBI	4968
UniProt	O15527
Form	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes), Optimal dilution for a