

## OGG1 Rabbit mAb

Catalog No: #49583

Package Size: #49583-1 50ul #49583-2 100ul

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## Description

Product Name	OGG1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA18-13
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	8 hydroxyguanine DNA glycosylase antibody 8 oxoguanine DNA glycosylase 1 antibody 8 oxoguanine DNA glycosylase antibody AP lyase antibody DNA (apurinic or apyrimidinic site) lyase antibody DNA apurinic or apyrimidinic site lyase antibody DNA lyase antibody DNA-(apurinic or apyrimidinic site) lyase antibody HMMH antibody HOGG 1 antibody HOGG1 antibody MMH antibody MUTM antibody N glycosylase antibody Ogg 1 antibody Ogg1 antibody OGG1_HUMAN antibody OGH 1 antibody OGH1 antibody
Accession No.	Swiss-Prot#:O15527
Uniprot	O15527
GeneID	4968;
Calculated MW	39 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:500 IHC: 1:50-1:200

## Background

DNA repair enzyme that incises DNA at 8-oxoG residues. Excises 7,8-dihydro-8-oxoguanine and 2,6-diamino-4-hydroxy-5-N-methylformamidopyrimidine (FAPY) from damaged DNA. Has a beta-lyase activity that nicks DNA 3' to the lesion. The OGG1 gene encodes 8 isoforms (OGG1A-C, OGG2A-E) which result from alternative splicing of a single messenger RNA. The OGG1A splice variant is the most prevalent form and localizes to the nucleus, whereas the OGG2A splice variant is targeted to the mitochondria.

## References

Note: This product is for in vitro research use only