

## OGG1 Conjugated Antibody

Catalog No: #C49583



Package Size: #C49583-AF350 100ul #C49583-AF405 100ul #C49583-AF488 100ul  
 #C49583-AF555 100ul #C49583-AF594 100ul #C49583-AF647 100ul  
 #C49583-AF680 100ul #C49583-AF750 100ul #C49583-Biotin 100ul

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## Description

Product Name	OGG1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	39 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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.

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Note: This product is for in vitro research use only