

## OGG1 Antibody FITC Conjugated

Catalog No: #C04858F

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## Description

Product Name	OGG1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 180-230 424 derived from human OGG1 8 hydroxyguanine DNA glycosylase
Conjugates	FITC
Target Name	OGG1
Other Names	8 hydroxyguanine DNA glycosylase; 8 oxoguanine DNA glycosylase 1; 8-oxoguanine DNA glycosylase; AP lyase; DNA apurinic or apyrimidinic site lyase; DNA lyase; DNA-apurinic or apyrimidinic site lyase; HMMH; HOGG 1; HOGG1; MMH; MUTM; N-glycosylase; Ogg 1; OGH 1; OGH1; OGG1_HUMAN.
Accession No.	NCBI Gene ID4968
Uniprot	O15527
GeneID	4968;
Excitation Emission	494nm 518nm
Cell Localization	Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

Flow-Cyt=1:50-200 IF=1:50-200

## Background

This gene encodes the enzyme responsible for the excision of 8-oxoguanine, a mutagenic base byproduct which occurs as a result of exposure to reactive oxygen. The action of this enzyme includes lyase activity for chain cleavage. Alternative splicing of the C-terminal region of this gene classifies splice variants into two major groups, type 1 and type 2, depending on the last exon of the sequence. Type 1 alternative splice variants end with exon 7 and type 2 end with exon 8. All variants share the N-terminal region in common, which contains a mitochondrial targeting signal that is essential for mitochondrial localization. Many alternative splice variants for this gene have been described, but the full-length nature for every variant has not been determined. [provided by RefSeq, Aug 2008].

Note: This product is for in vitro research use only