

Product datasheet for **TA309779**

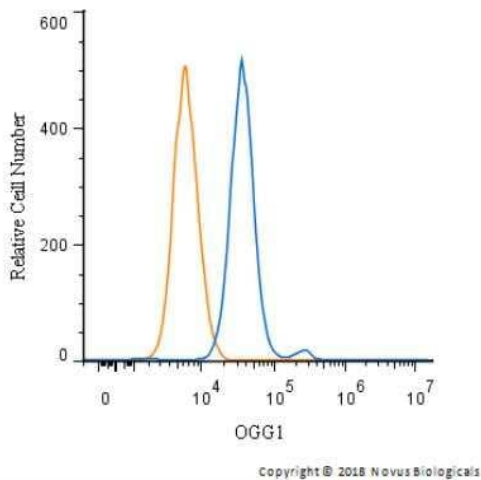
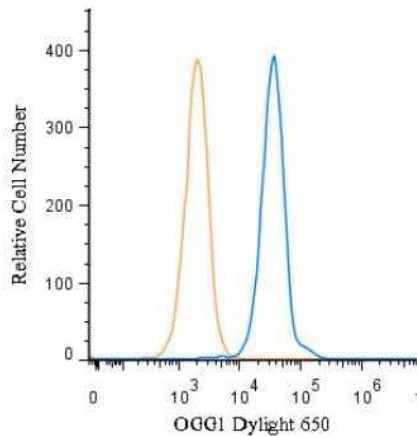
OGG1 Rabbit Polyclonal Antibody

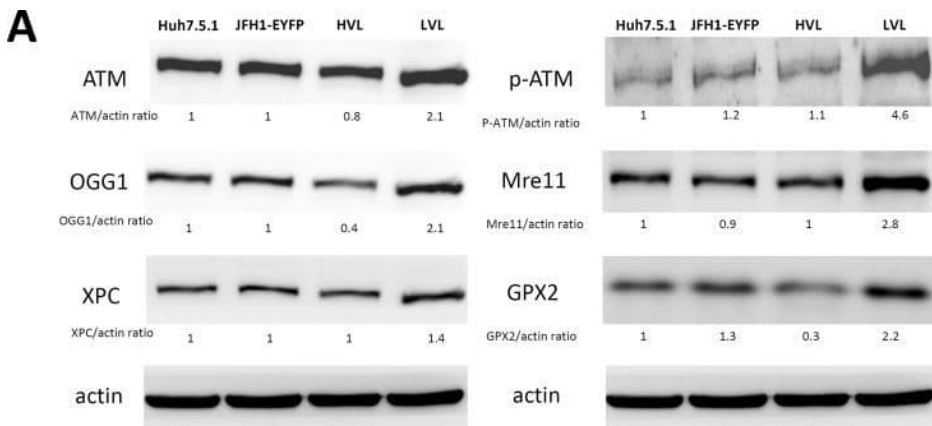
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, ICC/IF, IHC, Immunoblotting, IP, WB
Recommended Dilution:	ELISA, Immunohistochemistry-Frozen: 1:25-1:100, Immunohistochemistry, Flow (Intracellular), Immunohistochemistry-Paraffin, Immunoprecipitation: 1:10-1:500, Immunoblotting, Flow Cytometry, Western Blot: 1:500-1:1000, Immunocytochemistry/ Immunofluorescence: 1:100 - 1:200
Reactivity:	Human, Primate, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A peptide derived from the human Ogg1 (within amino acids 1-100).
Formulation:	Tris-citrate/phosphate buffer, pH 7 to 8 and 0.09% Sodium Azide
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	8-oxoguanine DNA glycosylase
Database Link:	NP_058213 Entrez Gene 81528 Rat Entrez Gene 4968 Human O15527
Synonyms:	HMMH; HOGG1; MUTM; OGH1
Protein Families:	Druggable Genome
Protein Pathways:	Base excision repair

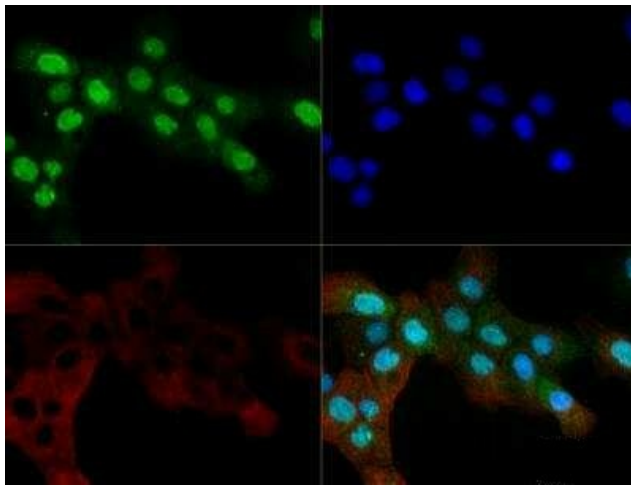


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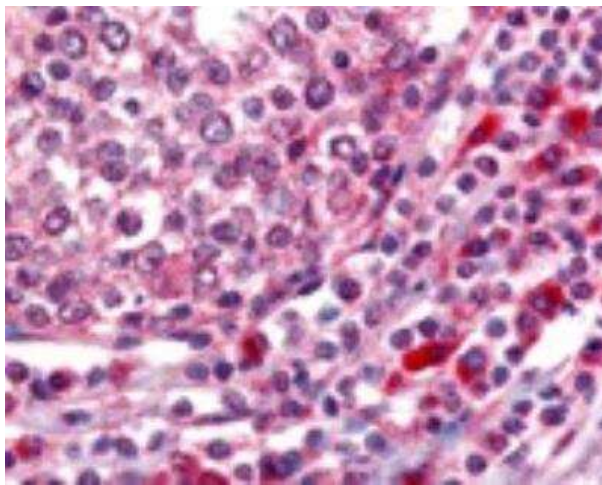
Product images:



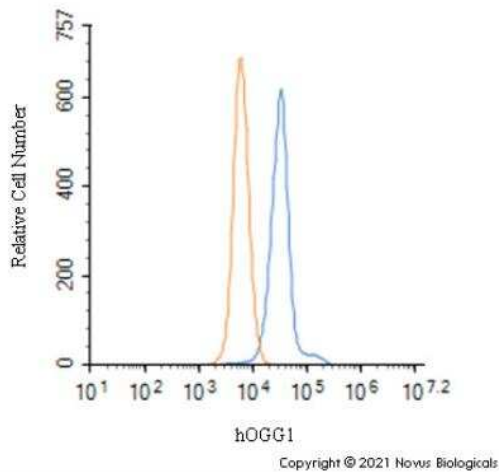
The protein expression levels of HVL and LVL sorted cells by western blotting. (A) The ATM, phospho-ATM, GPX2, MRE11, OGG1, and XPC levels were measured by western blot analysis. The figure is representative of three independent experiments. (B) The relative fold activity was quantified using AlphaImage software and normalized to the expression of the internal actin control. *P < 0.05, **P < 0.01.



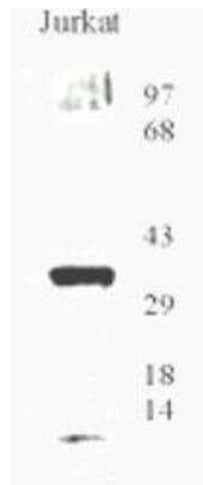
Immunocytochemistry/Immunofluorescence: OGG1 Antibody TA309779 - A431 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with anti-hOgg1 TA309779 at a 1:200 dilution overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:500 dilution. Alpha Tubulin (DM1A) [NB100-690] was used as a co-stain at a 1:1000 dilution and detected with an anti-mouse Dylight 550 (Red) at a 1:500 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunohistochemistry: OGG1 Antibody TA309779 - Staining of human tonsil, germinal center and mantle zone.



Flow Cytometry: OGG1 Antibody TA309779 - An intracellular stain was performed on HeLa cells with OGG1 Antibody TA309779 (blue) and a matched isotype control NBP2-24891 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (SA5-10033, Thermo Fisher).



Western Blot: OGG1 Antibody TA309779 - - Analysis of Ogg1 expression in Jurkat whole cell lysate.