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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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8-Hydroxyguanosine antibody

Cat No. GTX00939

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Application	IHC-P, ELISA

Package
100 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
IHC-P	>1:200
ELISA	Assay dependent

Note : It is suggested that the tissues are pretreated with 10 µg/mL of proteinase K for 40 minutes at 37°C prior to staining. Since the antibody is staining a nucleic acid it is important to use enough proteinase to penetrate the histone barrier.

Not tested in other applications.

Specificity/Sensitivity

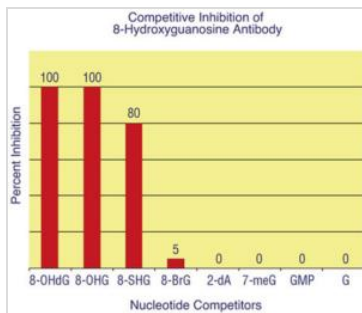
By a competitive ELISA the antibody was 100% inhibited by 8-hydroxydeoxyguanosine and 8-hydroxyguanosine nucleotides. Partial cross-reactivity was observed with 8-mercaptoguanosine (80%) while 8-bromoguanosine showed some cross-reactivity (5%). 2-Deoxyadenosine, 7-methylguanosine, guanosine monophosphate and guanosine showed no reactivity.

PROPERTIES

Form	Liquid
Buffer	Serum, 0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Immunogen	8-Hydroxy-2'-deoxyguanosine and 8-hydroxyguanosine
Purification	Unpurified
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX00939 ELISA Image

Competitive ELISA analysis of nucleotide similar of 8-OHG using GTX00939 8-Hydroxyguanosine antibody. Partial cross-reactivity is observed with 8-mercaptopguanosine while 8-bromoguanosine shows some cross-reactivity. 2-Deoxyadenosine, 7-methylguanosine, guanosine monophosphate and guanosine show no reactivity.



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