

8-Hydroxyguanosine antibody [15A3]

Cat. No. GTX41980

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	ICC/IF, IHC-P, IHC-Fr, FCM, IP, Dot, ELISA, Activation, IHC
Reactivity	Species independent

References (20)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent
Dot	Assay dependent
ELISA	Assay dependent
Activation	Assay dependent
IHC	Assay dependent

Not tested in other applications.

Product Note Recognizes markers of oxidative damage to DNA (8-hydroxy-2'-deoxyguanosine, 8-hydroxyguanine and 8-hydroxyguanosine).

Properties

Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	No preservatives
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.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	8-hydroxy-guanosine-BSA and -casein conjugates



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

Purification Protein G Purified

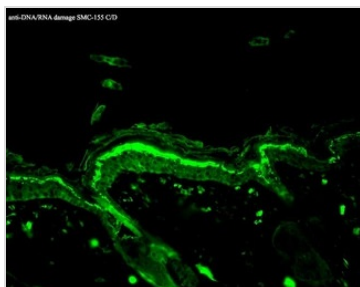
Conjugation Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

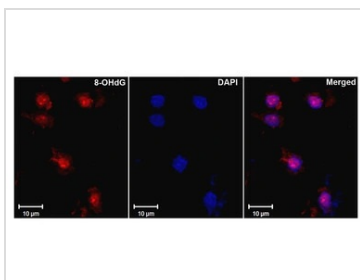
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DATA IMAGES



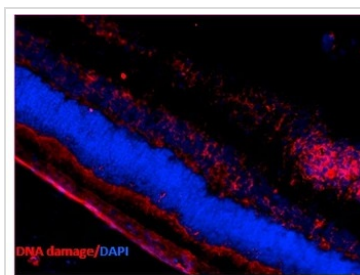
GTx41980 IHC-P Image

IHC-P analysis of mouse back skin tissue using GTx41980 8-Hydroxyguanosine antibody [15A3] antibody.
Dilution : 1:100



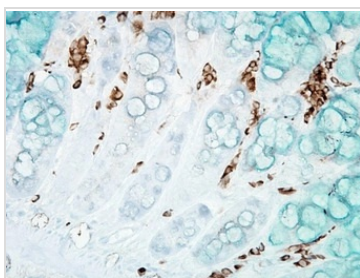
GTx41980 IHC-P Image

IHC-P analysis of ischemic fresh rat brain tissue using GTx41980 8-Hydroxyguanosine antibody [15A3] antibody.
Red : Primary antibody
Blue : DAPI
Localization: Cerebral Cortex
Dilution : 1:1000 for 16 hours at RT



GTx41980 IHC-P Image

IHC-P analysis of mouse retinal injury tissue using GTx41980 8-Hydroxyguanosine antibody [15A3] antibody.
Red : Primary antibody
Dilution : 1:1000



GTx41980 IHC-P Image

IHC-P analysis of inflamed mouse colon tissue using GTx41980 8-Hydroxyguanosine antibody [15A3] antibody. Mayer Hematoxylin (purple/blue) for nuclear staining.
Dilution : 1:1000000 for 12 hours at 4°C



For full product information, images and publications, please visit our [website](https://www.genetex.com).