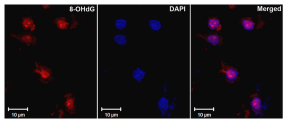
Anti-DNA/RNA Damage Antibody [15A3] (A305228)

Specifications:

Name:	Anti-DNA/RNA Damage Antibody [15A3]
Description:	Mouse monoclonal [15A3] antibody to DNA/RNA Damage.
Specificity:	This antibody recognises markers of oxidative damage to DNA (8-hydroxy-2'-deoxyguanosine, 8-hydroxyguanine, and 8-hydroxyguanosine).
Applications:	IHC, ICC/IF, ELISA, Dot, IP, Flow Cytometry, Functional Assay
Recommended Dilutions:	IHC: 1:1,000
Reactivity:	Species Independent
Immunogen:	8-hydroxy-guanosine-BSA and -casein conjugates.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	15A3
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein G purification.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemistry analysis of rat ischemic fresh brain tissue. The Primary Antibody used was Anti-DNA/RNA Damage Antibody [15A3] (A305228) at 1:1,000 for 16 hours at room temperature. The secondary antibody used was Alexa Fluor 546 Goat Anti-mouse (Red) at 1:500 for 1 hour at room temperature. Localization: Cerebral Cortex.

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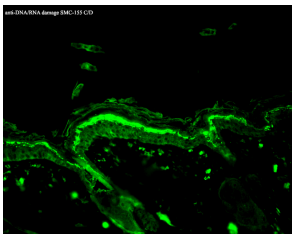
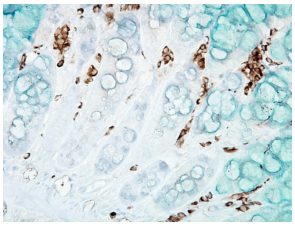
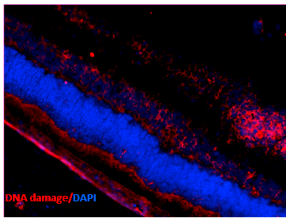
Images continued:



Immunohistochemistry analysis of mouse backskin, fixed in Bouin's fixative solution and paraffin-embedded. The Primary Antibody used was Anti-DNA/RNA Damage Antibody [15A3] (A305228) at 1:100 for 1 hour at room temperature. The secondary antibody used was FITC Goat Anti-Mouse (green) at 1:50 for 1 hour at room temperature.



Immunohistochemistry analysis of mouse inflamed colon, fixed in formalin. The Primary Antibody used was Anti-DNA/RNA Damage Antibody [15A3] (A305228) at 1:1000000 for 12 hours at 4°C. The secondary antibody used was Biotin Goat Anti-Mouse at 1:2000 for 1 hour at room temperature. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 µl for 2 minutes at room temperature. Magnification: 40x. With anti-microbial.



Immunohistochemistry analysis of mouse retinal injury model. The Primary Antibody used was Anti-DNA/RNA Damage Antibody [15A3] (A305228) at 1:1,000. The secondary antibody used was Alexa Fluor 594 Goat Anti-Mouse (red).