

# Product Datasheet

## Glyoxalase I Antibody (266) - Azide and BSA Free NBP2-43618

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-43618**

Glyoxalase I Antibody (266) - Azide and BSA Free

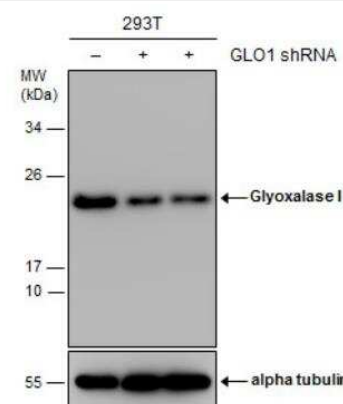
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	266
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	21 kDa

Product Description	
Description	Novus Biologicals Mouse Glyoxalase I Antibody (266) - Azide and BSA Free (NBP2-43618) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2739
Gene Symbol	GLO1
Species	Human
Reactivity Notes	Xenopus laevis (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glyoxalase I. The exact sequence is proprietary.

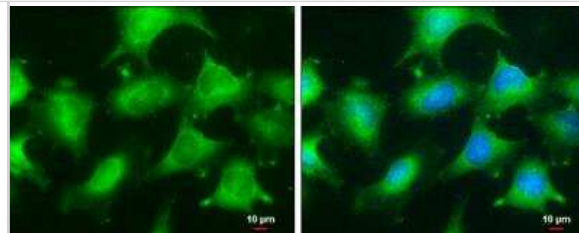
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

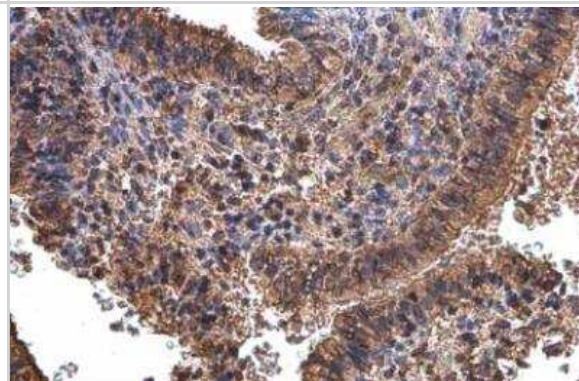
Western Blot: Glyoxalase I Antibody (266) [NBP2-43618] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Glyoxalase I antibody [266] diluted at 1:1000.



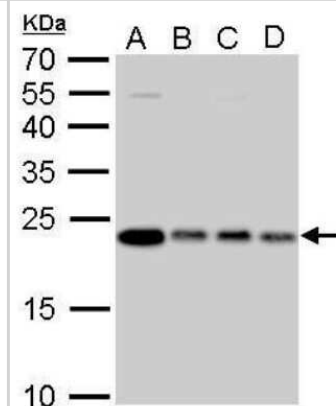
**Immunocytochemistry/Immunofluorescence: Glyoxalase I Antibody (266) [NBP2-43618]** - Glyoxalase I Antibody (266) detects Glyoxalase I protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Glyoxalase I stained by Glyoxalase I Antibody (266) diluted at 1:100. Blue: Hoechst 33342 staining. Scale bar= 10  $\mu$ m.



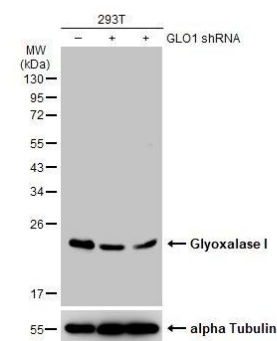
**Immunohistochemistry-Paraffin: Glyoxalase I Antibody (266) [NBP2-43618]** - Glyoxalase I Antibody (266) detects Glyoxalase I protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human ovarian cancer. Glyoxalase I stained by Glyoxalase I Antibody (266) diluted at 1:200.



**Western Blot: Glyoxalase I Antibody (266) [NBP2-43618]** - Analysis of A. 30  $\mu$ g 293T whole cell lysate/extract B. 30  $\mu$ g HeLa whole cell lysate/extract C. 30  $\mu$ g HepG2 whole cell lysate/extract D. 30  $\mu$ g A375 whole cell lysate/extract 12 % SDS-PAGE Glyoxalase I antibody [266] dilution: 1:1000.



**Western Blot: Glyoxalase I Antibody (266) [NBP2-43618]** - Non-transfected (–) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 12% SDS-PAGE, and the membrane was blotted with Glyoxalase I antibody [GT266] diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP2-43618**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-56695PEP	Glyoxalase I Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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