

# Product Datasheet

## GBP2 Antibody (OTI5C8) - Azide and BSA Free NBP2-70812

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-70812**

GBP2 Antibody (OTI5C8) - Azide and BSA Free

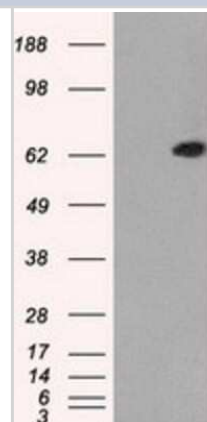
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5C8
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	67 kDa

Product Description	
Description	Novus Biologicals Mouse GBP2 Antibody (OTI5C8) - Azide and BSA Free (NBP1-47768) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2634
Gene Symbol	GBP2
Species	Human
Immunogen	Full length human recombinant protein of human GBP2 (NP_004111) produced in HEK293T cell.

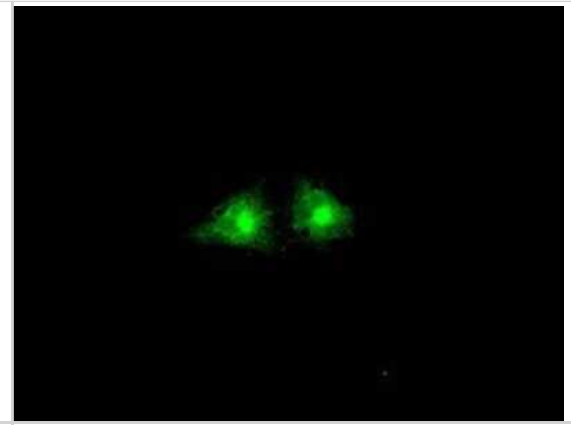
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

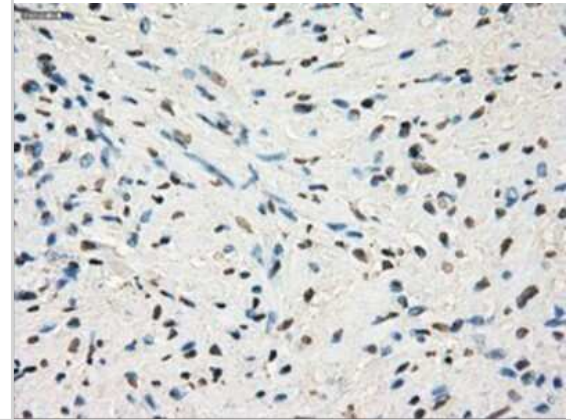
Western Blot: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GBP2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GBP2.



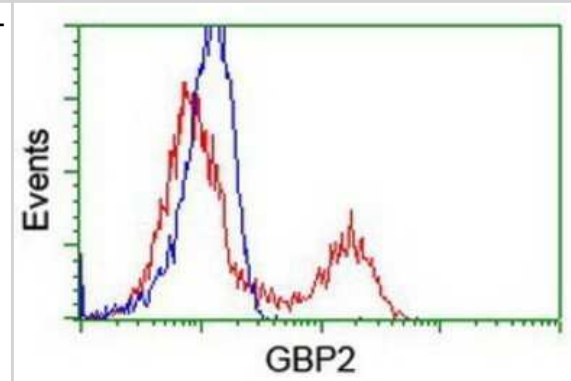
Immunocytochemistry/Immunofluorescence: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GBP2.



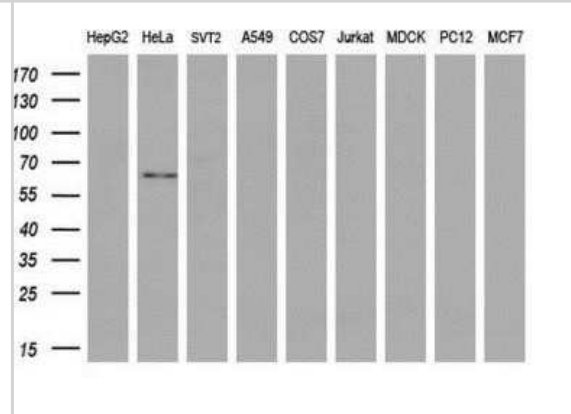
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Human prostate tissue using anti-GBP2 mouse monoclonal antibody.



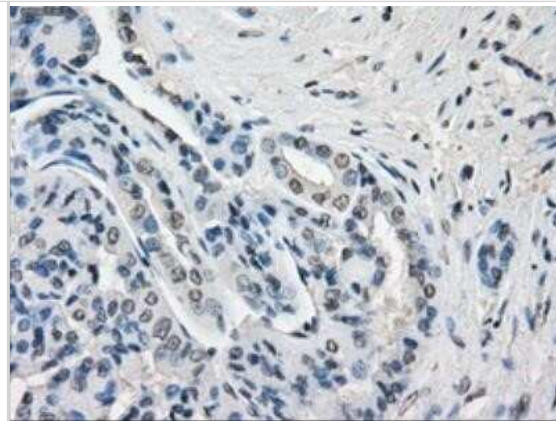
Flow Cytometry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-GBP2 antibody, and then analyzed by flow cytometry.



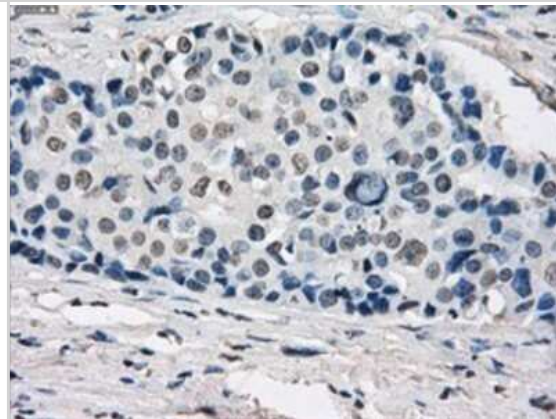
Western Blot: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GBP2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).(1:200)



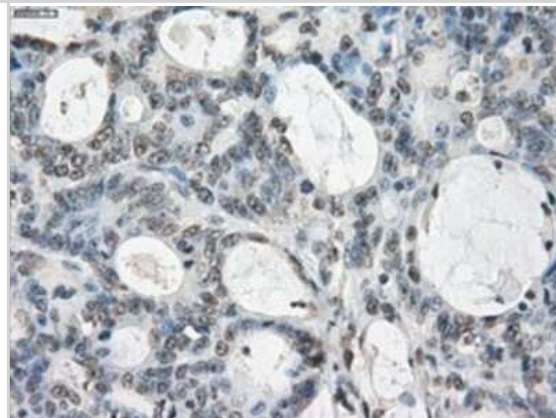
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GBP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min



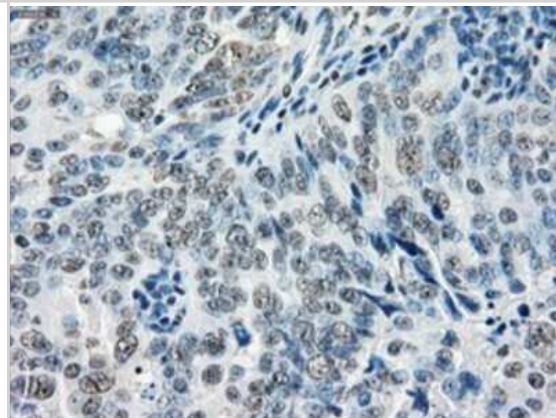
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GBP2 mouse monoclonal antibody.



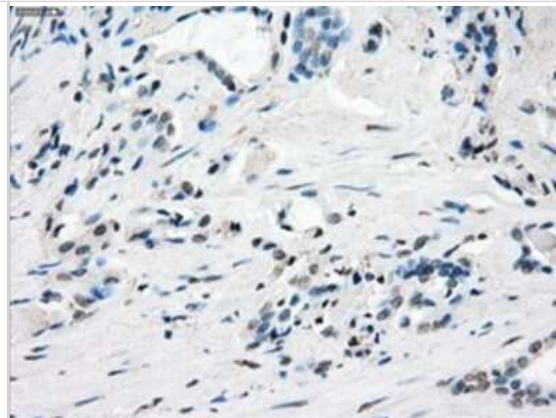
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GBP2 mouse monoclonal antibody.



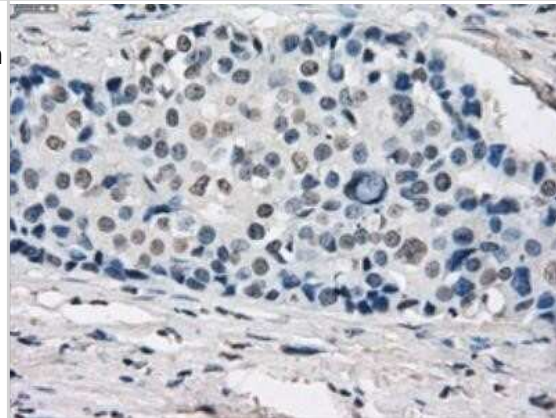
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-GBP2 mouse monoclonal antibody.



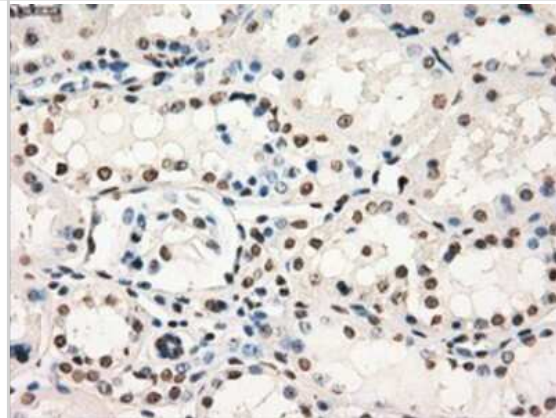
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Human colon tissue using anti-GBP2 mouse monoclonal antibody.



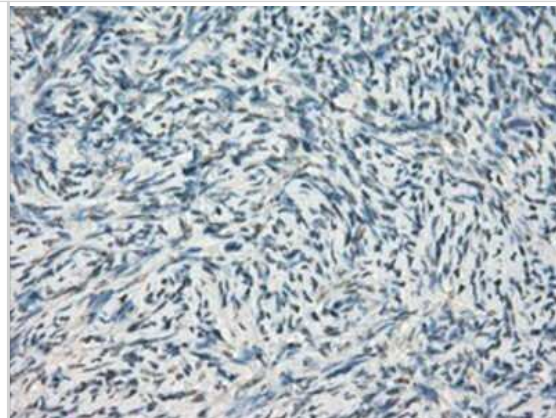
Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - staining of paraffin-embedded Human colon tissue within the normal limits using anti-GBP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min)



Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Human Kidney tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Human Ovary tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry: GBP2 Antibody (OTI5C8) - Azide and BSA Free [NBP2-70812] - Staining of paraffin-embedded Human thyroid tissue using anti-GBP2 mouse monoclonal antibody.





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### **Products Related to NBP2-70812**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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