

Product Datasheet

GBP2 Antibody (OTI5C8)

NBP1-47768

Unit Size: 0.1 ml

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

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Publications: 3

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NBP1-47768

GBP2 Antibody (OTI5C8)

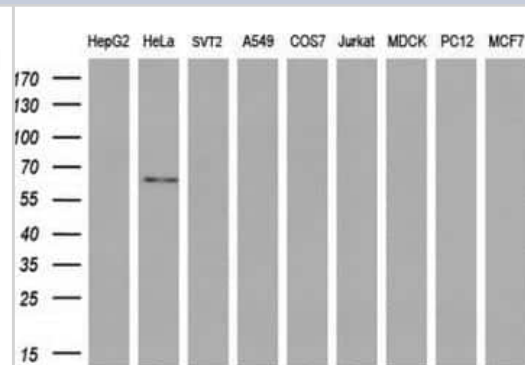
Product Information	
Unit Size	0.1 ml
Concentration	1.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI5C8
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	67 kDa

Product Description	
Description	Novus Biologicals Mouse GBP2 Antibody (OTI5C8) (NBP1-47768) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-GBP2 Antibody: Cited in 3 publications. 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.

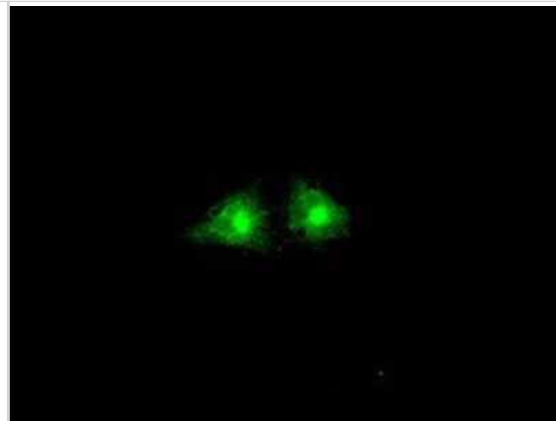
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100,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

Images

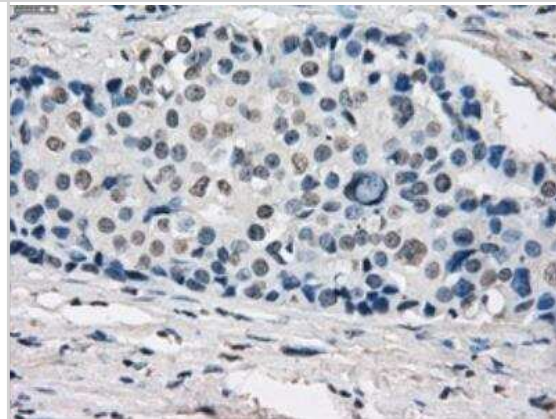
Western Blot: GBP2 Antibody (OTI5C8) [NBP1-47768] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GBP2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).(1:200)



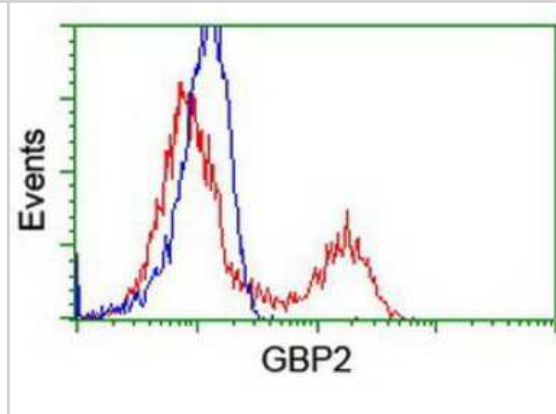
Immunocytochemistry/Immunofluorescence: GBP2 Antibody (OTI5C8) [NBP1-47768] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GBP2.



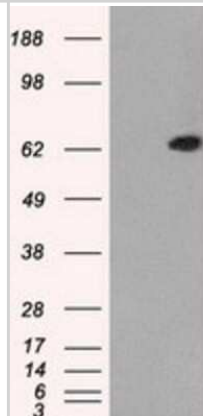
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768] - Staining of paraffin-embedded Human colon tissue within the normal limits using anti-GBP2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min)



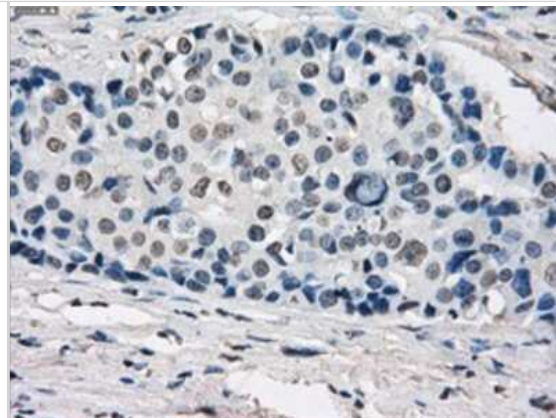
Flow Cytometry: GBP2 Antibody (OTI5C8) [NBP1-47768] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-GBP2 antibody, and then analyzed by flow cytometry.



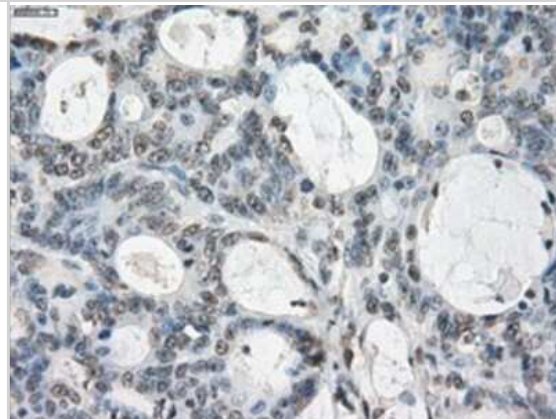
Western Blot: GBP2 Antibody (OTI5C8) [NBP1-47768] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GBP2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GBP2.



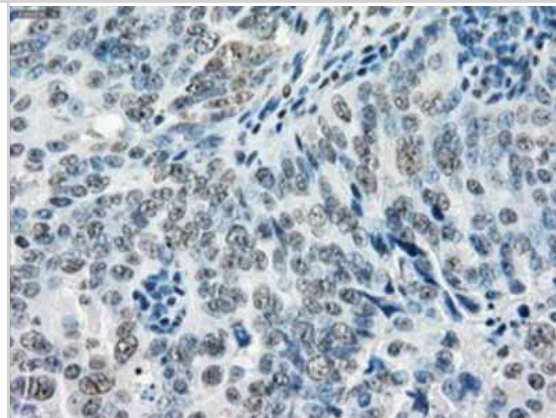
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GBP2 mouse monoclonal antibody.



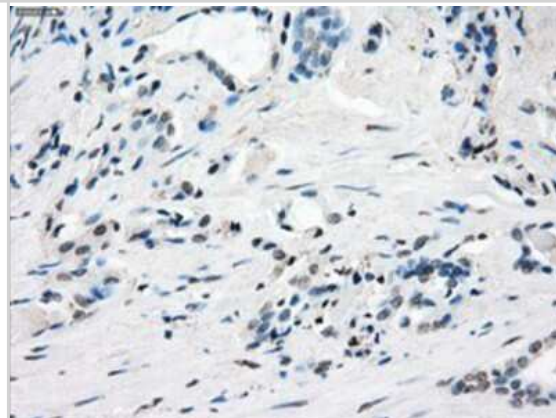
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GBP2 mouse monoclonal antibody.



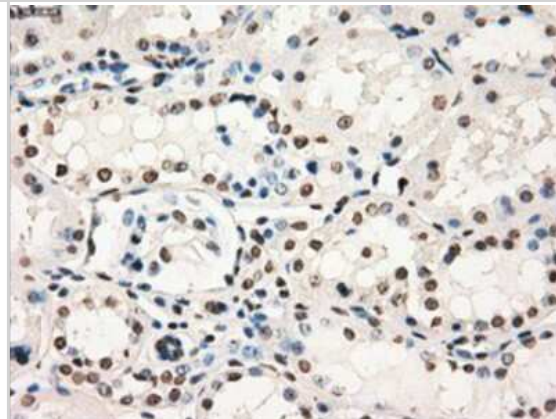
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-GBP2 mouse monoclonal antibody.



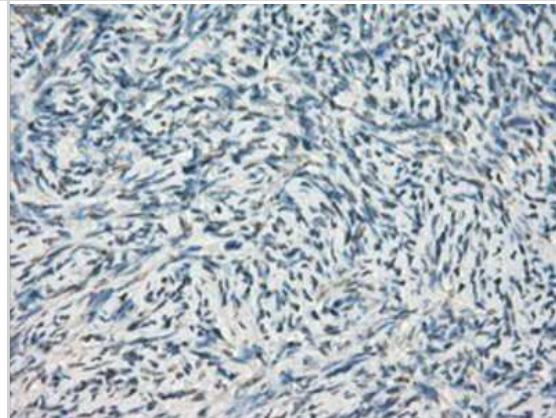
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Human colon tissue using anti-GBP2 mouse monoclonal antibody.



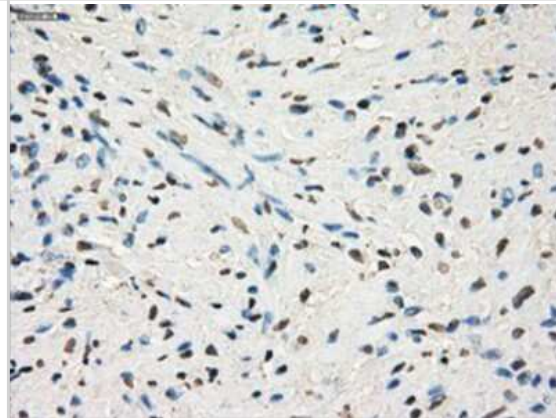
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Human Kidney tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Human Ovary tissue using anti-GBP2 mouse monoclonal antibody.



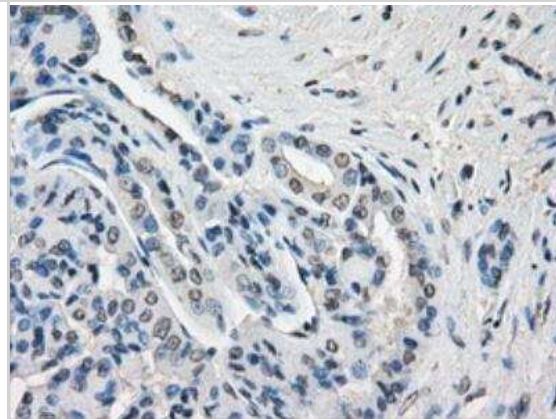
Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Human prostate tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: GBP2 Antibody (OTI5C8) [NBP1-47768]
- Staining of paraffin-embedded Human thyroid tissue using anti-GBP2 mouse monoclonal antibody.



Immunohistochemistry: GBP2 Antibody (OTI5C8) [NBP1-47768] -
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)



Publications

Wandel MP, Kim BH, Park ES et al. Guanylate-binding proteins convert cytosolic bacteria into caspase-4 signaling platforms Nat. Immunol. 2020-06-15 [PMID: 32541830] (WB)

Hall JC, Baer AN, Shah AA et al. Molecular subsetting of interferon pathways in Sjogren's syndrome. Arthritis & rheumatology. 2015-05-18 [PMID: 25988820] (IHC-P, WB, Human)

Hall JC, Casciola-Rosen L, Berger AE et al. Precise probes of type II interferon activity define the origin of interferon signatures in target tissues in rheumatic diseases Proc Natl Acad Sci 2012-10-23 [PMID: 23045702] (WB, IF/IHC, Human)



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Products Related to NBP1-47768

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)

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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