

Product Datasheet

GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free NBP2-70791

Unit Size: 100 ug

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

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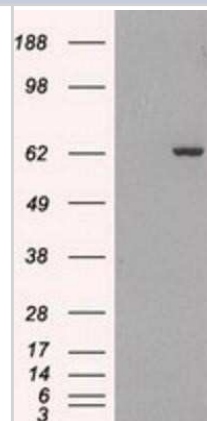


NBP2-70791**GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free**

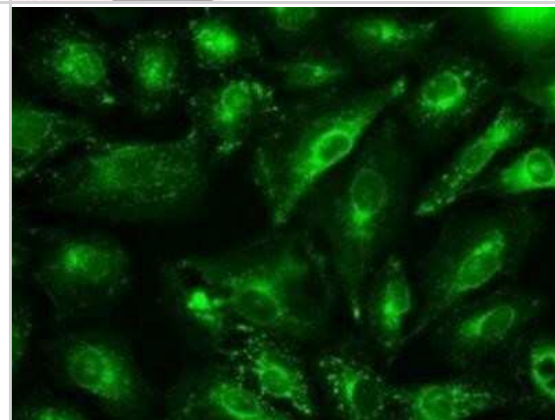
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3G9
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To 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	66.9 kDa
Product Description	
Description	Novus Biologicals Mouse GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free (NBP1-48272) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2571
Gene Symbol	GAD1
Species	Human, Mouse, Rat, Monkey, Zebrafish
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human GAD1 (NP_000808) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:50, Immunoprecipitation 4ug/ml, Immunohistochemistry-Paraffin

Images

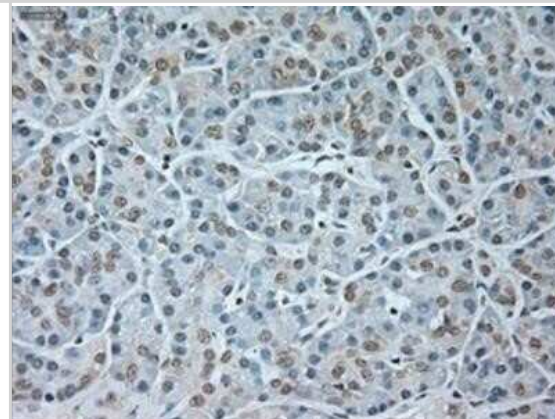
Western Blot: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GAD1/GAD67 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GAD1/GAD67.



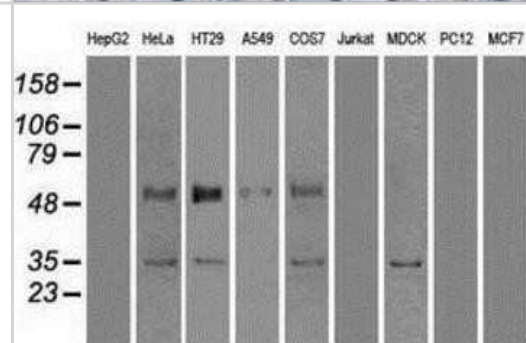
Immunocytochemistry/Immunofluorescence: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of A549 cells using anti-GAD1/GAD67 mouse monoclonal antibody.



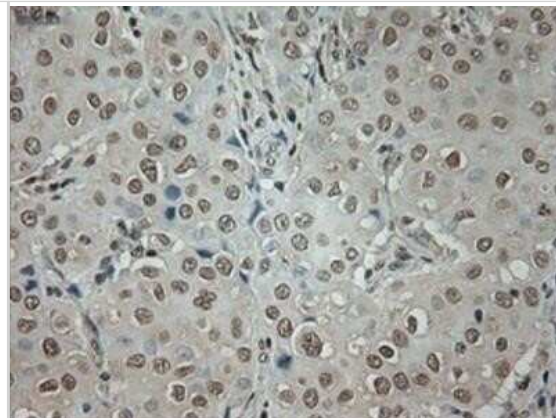
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human pancreas tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



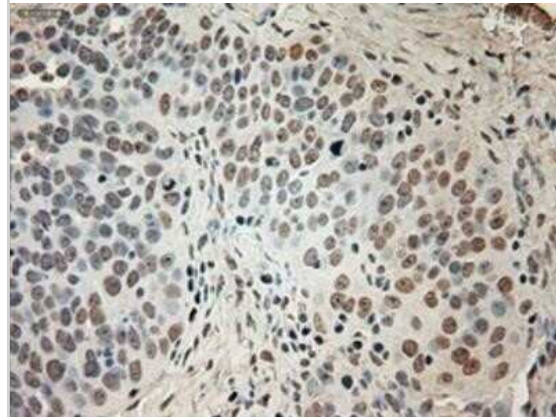
Western Blot: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GAD1/GAD67 monoclonal antibody.



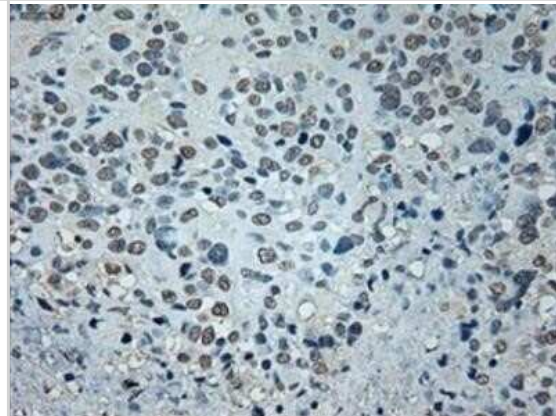
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



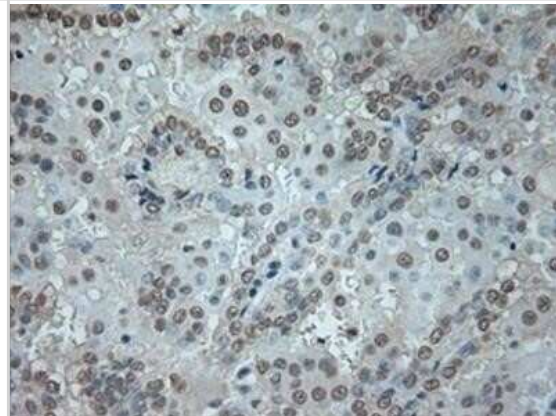
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



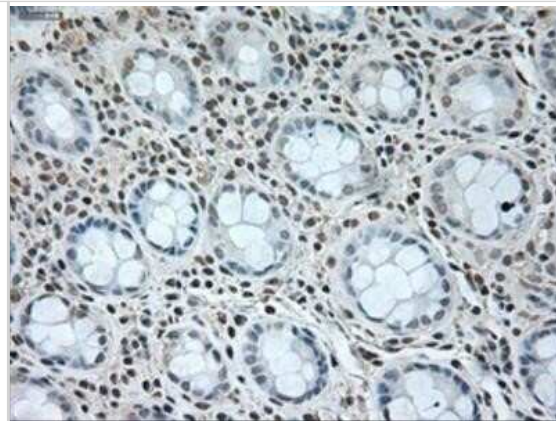
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



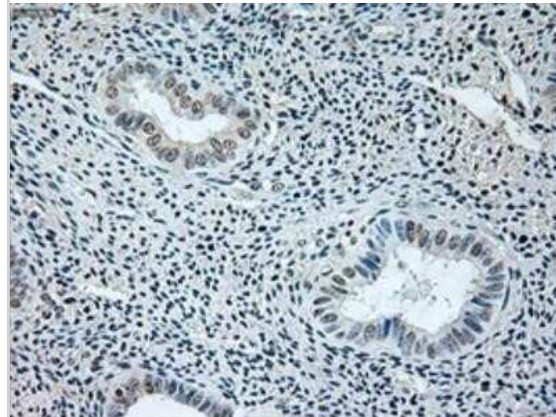
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



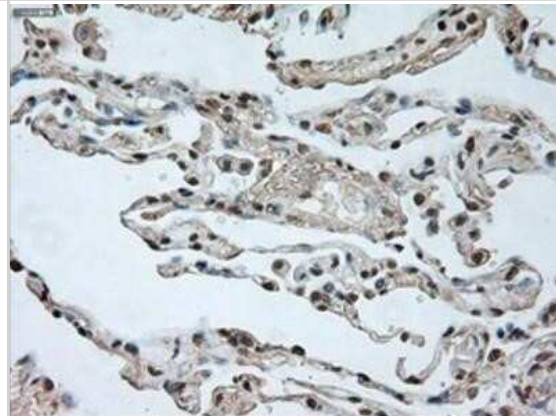
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human colon tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



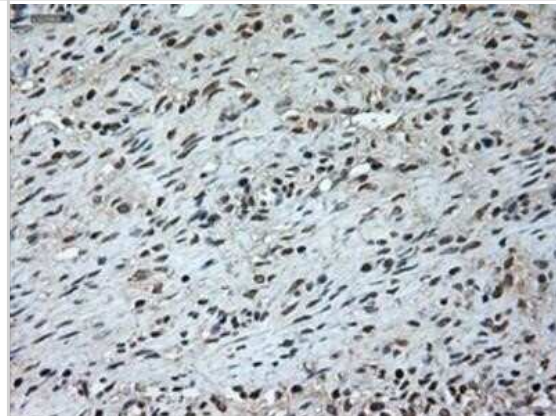
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human endometrium tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



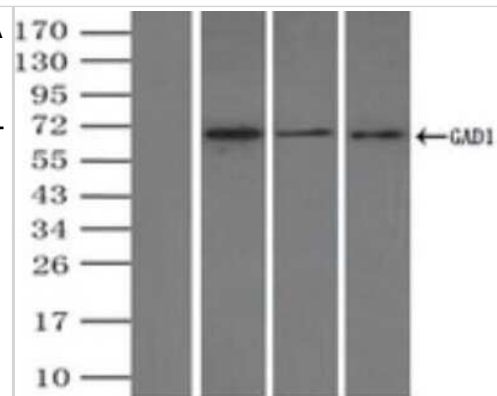
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human lung tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human Ovary tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



Immunoprecipitation: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Negative control: IP without adding anti-GAD1 antibody.). For each experiment, 500ul of DDK tagged GAD1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-GAD1 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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Products Related to NBP2-70791

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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