

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

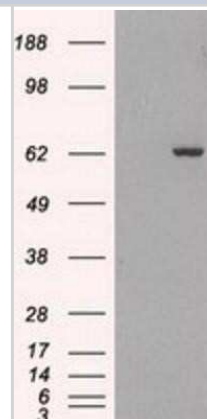
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3G9
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	66.9 kDa

Product Description	
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.

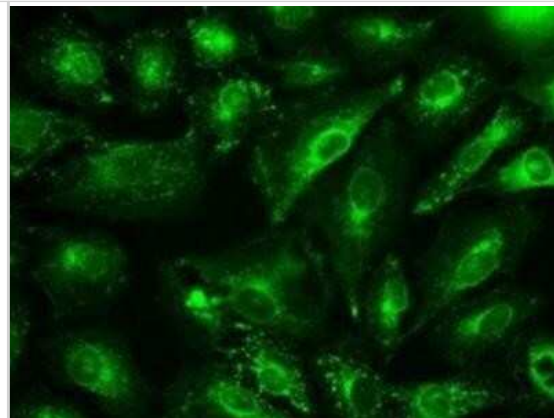
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 4ug/ml

Images

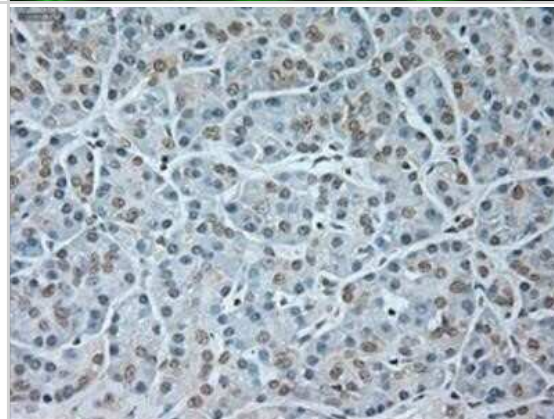
Western Blot: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GAD1/GAD67 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted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



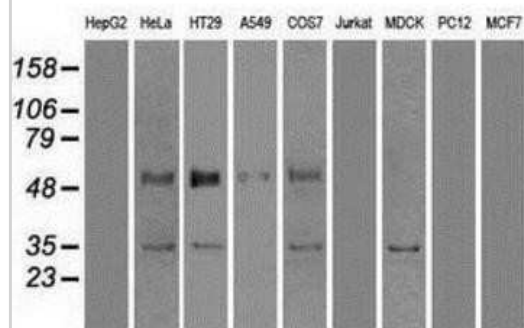
Immunocytochemistry/Immunofluorescence: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of A549 cells using anti-GAD1/GAD67 mouse monoclonal antibody.



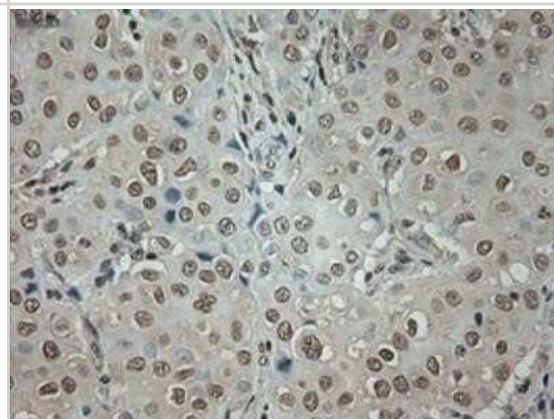
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human pancreas tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



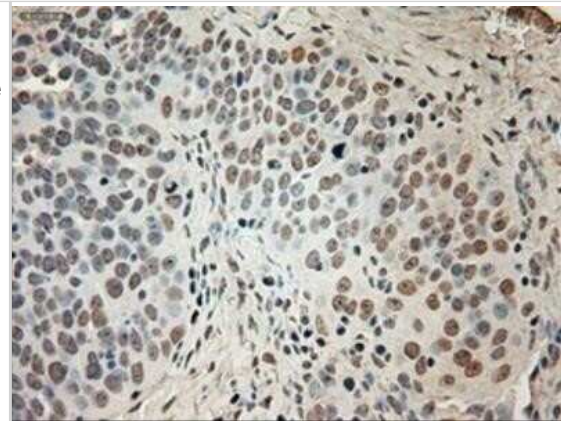
Western Blot: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Analysis of extracts (35ug) from 9 different cell lines by using anti-GAD1/GAD67 monoclonal antibody.



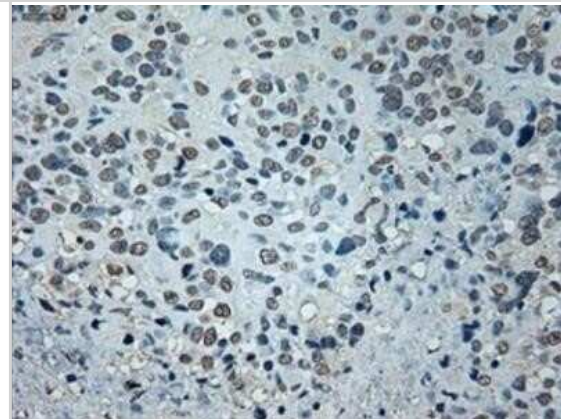
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



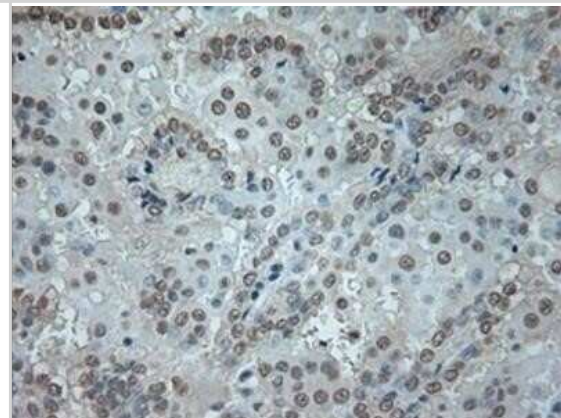
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



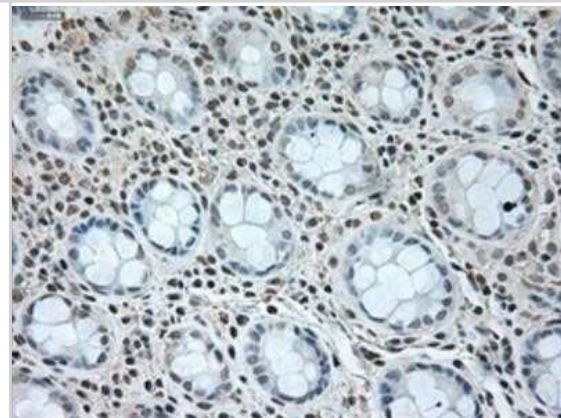
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



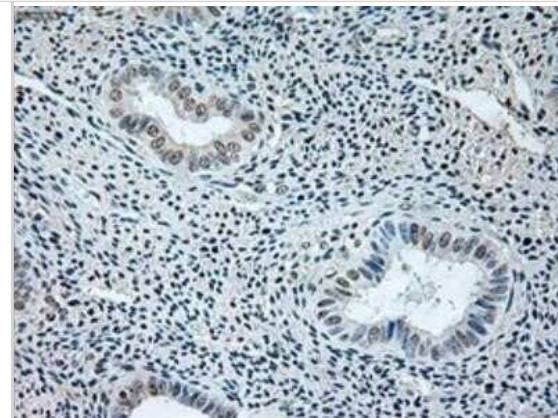
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



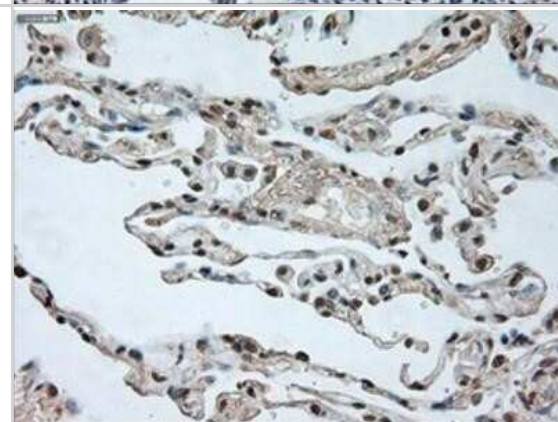
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human colon tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



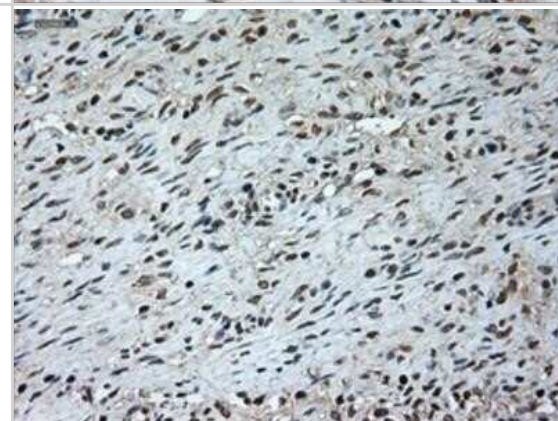
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human endometrium tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



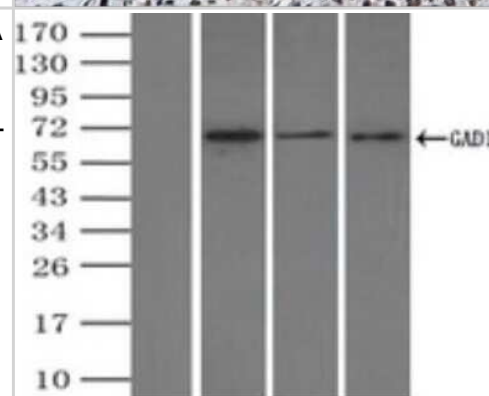
Immunohistochemistry: GAD1/GAD67 Antibody (OTI3G9) - Azide and BSA Free [NBP2-70791] - Staining of paraffin-embedded Human lung tissue using anti-GAD1/GAD67 mouse monoclonal antibody.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-70791

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)
NBP2-51655-0.05mg	Recombinant Human GAD1/GAD67 His Protein

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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