

Product Datasheet

Glutamine Synthetase Antibody (OTI1F4) - Azide and BSA Free NBP2-70834

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-70834

Updated 10/23/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-70834



NBP2-70834

Glutamine Synthetase Antibody (OTI1F4) - Azide and BSA Free

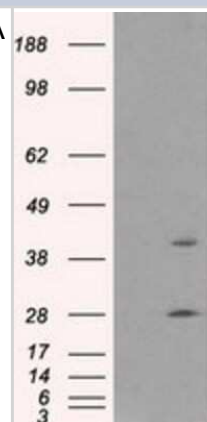
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F4
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	41.9 kDa

Product Description	
Host	Mouse
Gene ID	2752
Gene Symbol	GLUL
Species	Human, Mouse, Rat
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 GLUL (NP_002056) produced in HEK293T cell.

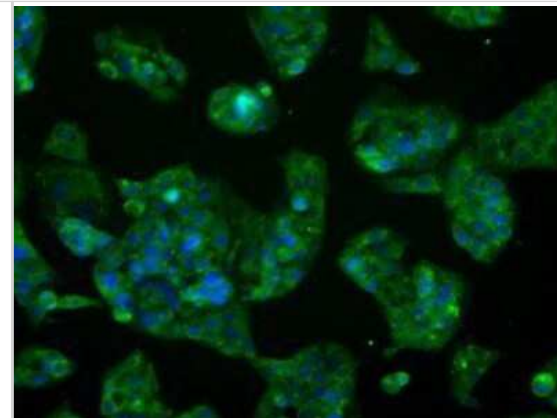
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, CyTOF-ready

Images

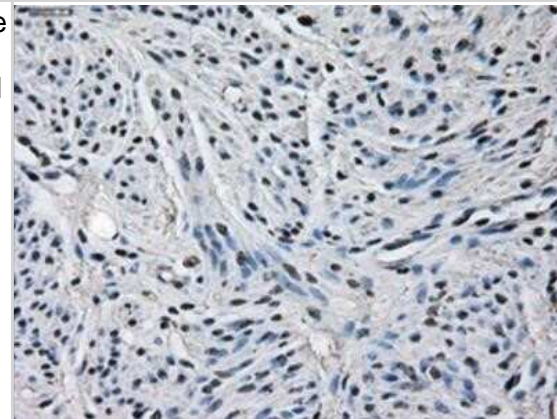
Western Blot: Glutamine Synthetase Antibody (OTI1F4) - Azide and BSA Free [NBP2-70834] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Glutamine Synthetase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-G



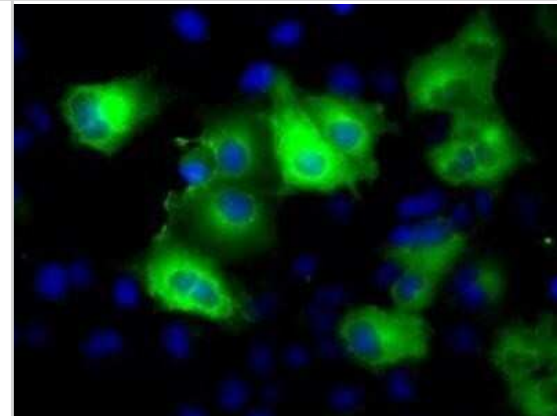
Immunocytochemistry/Immunofluorescence: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Staining of HepG2 cells using anti-Glutamine Synthetase mouse monoclonal antibody.



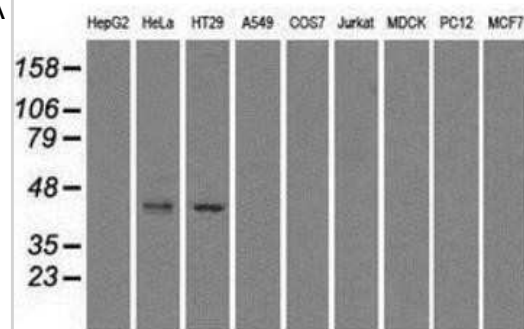
Immunohistochemistry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Staining of paraffin-embedded Human endometrium tissue using anti-Glutamine Synthetase mouse monoclonal antibody.



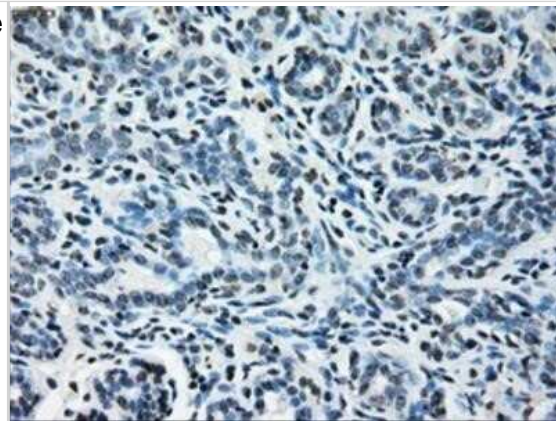
Flow Cytometry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Glutamine Synthetase.



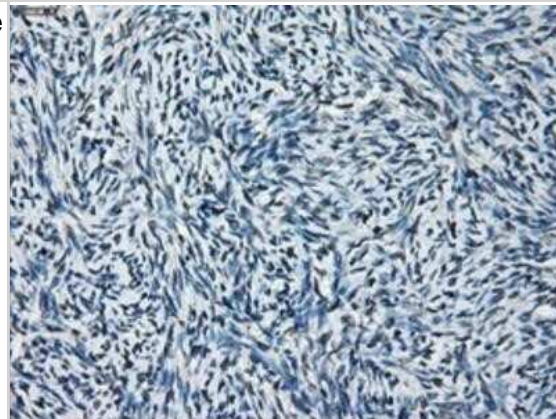
Western Blot: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Analysis of extracts (35ug) from 9 different cell lines by using g anti-Glutamine Synthetase monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



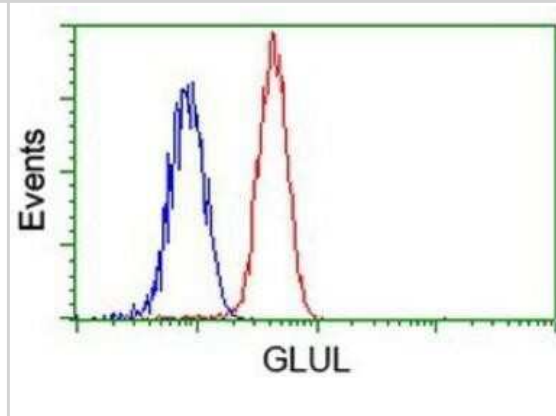
Immunohistochemistry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Staining of paraffin-embedded Human breast tissue using anti-Glutamine Synthetase mouse monoclonal antibody.



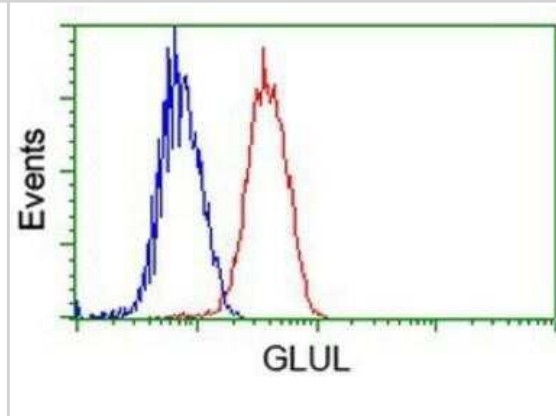
Immunohistochemistry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Staining of paraffin-embedded Human Ovary tissue using anti-Glutamine Synthetase mouse monoclonal antibody.



Flow Cytometry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Analysis of Hela cells, using anti-Glutamine Synthetase antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: Glutamine Synthetase Antibody (OT11F4) - Azide and BSA Free [NBP2-70834] - Analysis of Jurkat cells, using anti-Glutamine Synthetase antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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 NBP2-70834

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-52376-0.02mg	Recombinant Human Glutamine Synthetase 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-70834

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

