

Product Datasheet

GBE1 Antibody (OTI1D11) - Azide and BSA Free NBP2-70810

Unit Size: 100 ug

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

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NBP2-70810

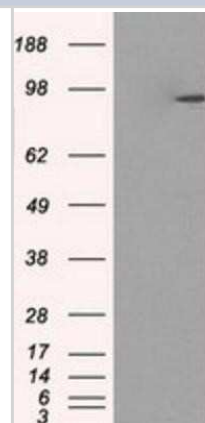
GBE1 Antibody (OTI1D11) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1D11
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	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	80.3 kDa
Product Description	
Description	Novus Biologicals Mouse GBE1 Antibody (OTI1D11) - Azide and BSA Free (NBP2-02245) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2632
Gene Symbol	GBE1
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 GBE1 (NP_000149) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin, CyTOF-ready

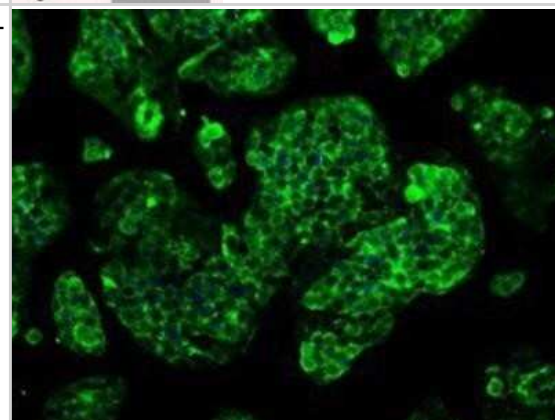


Images

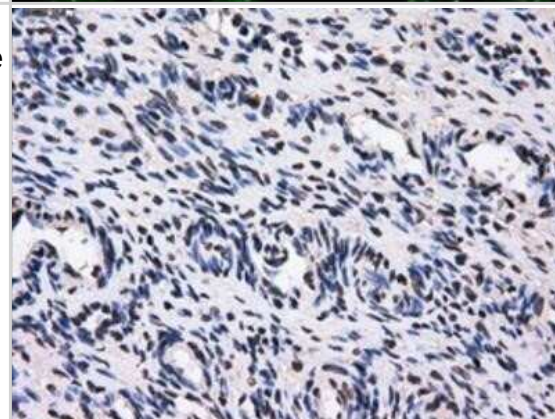
Western Blot: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GBE1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GBE1.



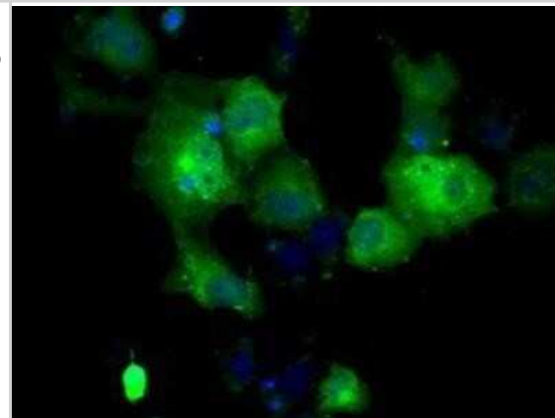
Immunocytochemistry/Immunofluorescence: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Staining of HepG2 cells using anti-GBE1 mouse monoclonal antibody.



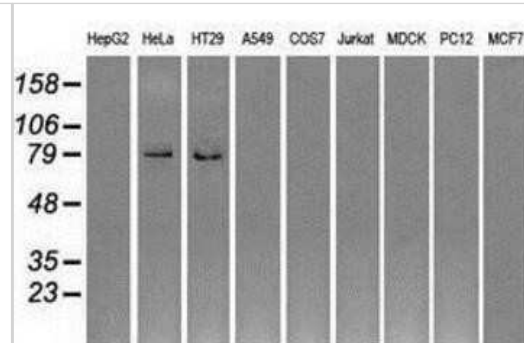
Immunohistochemistry: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Staining of paraffin-embedded Human Ovary tissue using anti-GBE1 mouse monoclonal antibody.



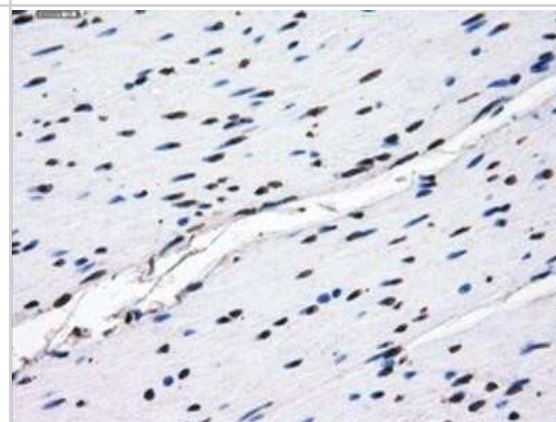
Flow Cytometry: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY GBE1.



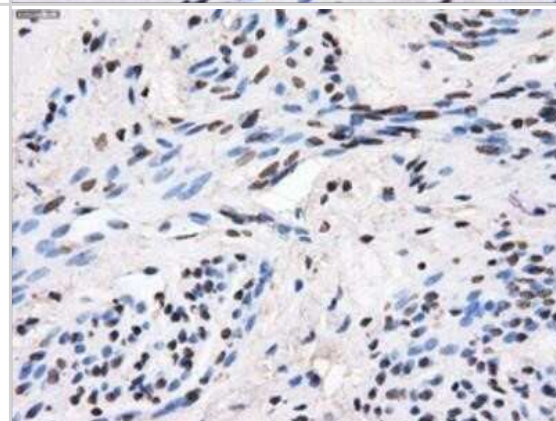
Western Blot: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Analysis of extracts (35ug) from 9 different cell lines by using g anti-GBE1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



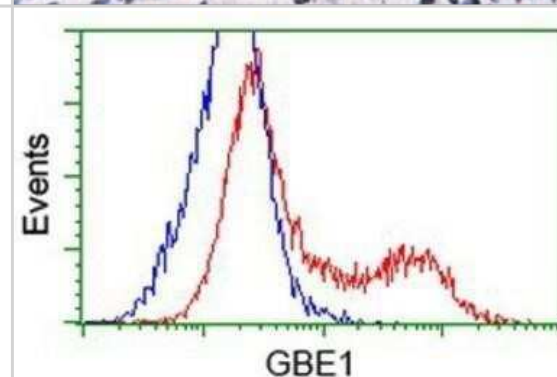
Immunohistochemistry: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Staining of paraffin-embedded Human colon tissue using anti-GBE1 mouse monoclonal antibody.



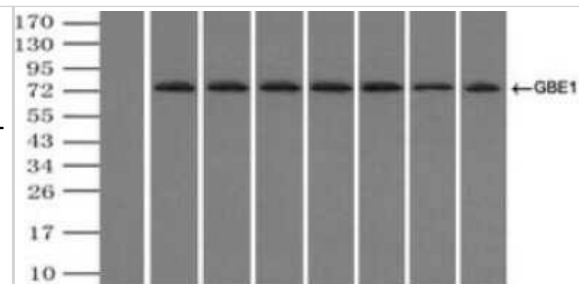
Immunohistochemistry: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - Staining of paraffin-embedded Human endometrium tissue using anti-GBE1 mouse monoclonal antibody.



Flow Cytometry: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-GBE1 antibody, and then analyzed by flow cytometry.



Immunoprecipitation: GBE1 Antibody (OTI1D11) - Azide and BSA Free [NBP2-70810] - (Negative control: IP without adding anti-GBE1 antibody.). For each experiment, 500ul of DDK tagged GBE1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-GBE1 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 NBP2-70810

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002632-Q01-10ug	Recombinant Human GBE1 GST (N-Term) 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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