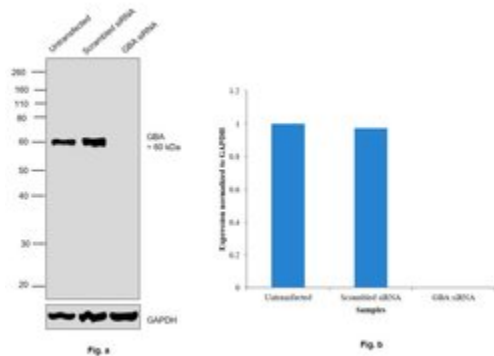


# GBA Monoclonal Antibody (OTI1D12)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	OTI1D12
Conjugate	Unconjugated
Immunogen	Human recombinant protein fragment corresponding to amino acids 40-315 of GBA produced in E.coli
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 1% BSA, 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2724337

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:150	-

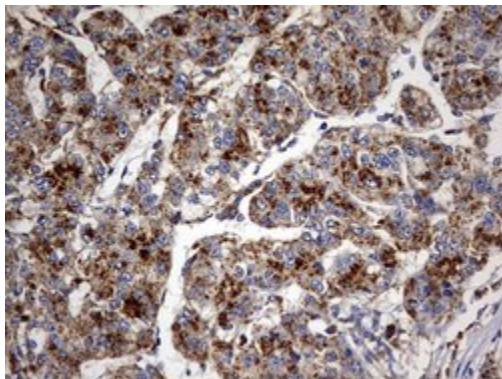
## Advanced Verification Data



### GBA Antibody (MA5-26589)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. NIH:OVCAR-3 cells were transfected with GBA siRNA and loss of signal was observed in Western Blot application using Anti-GBA Monoclonal Antibody (OTI1D12) (Product # MA5-26589). Knockdown validation info.

## Product Images For GBA Monoclonal Antibody (OT11D12)

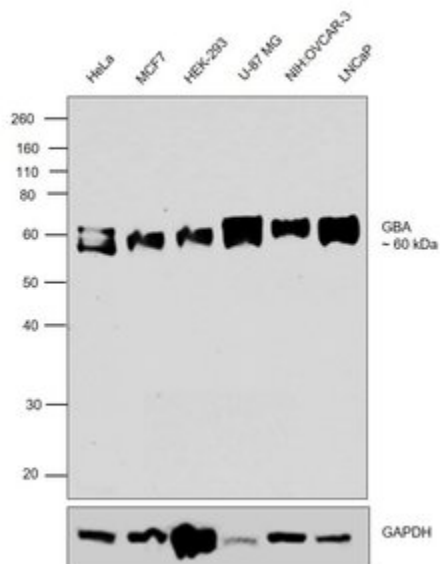


### GBA Antibody (MA5-26589) in IHC (P)

Immunohistochemistry was performed on paraffin-embedded carcinoma of human liver tissue. To expose target proteins, 10mM citric buffer, pH6.0, 120°C for 3min was used. Following antigen retrieval, tissues were probed with a GBA monoclonal antibody (Product # MA5-26589).

### GBA Antibody (MA5-26589) in WB

Western blot was performed using Anti-GBA Monoclonal Antibody (OT11D12) (Product # MA5-26589) and a 60 kDa band corresponding to GBA was observed across the cell lines tested. Whole cell extracts (30 µg lysate) of HeLa (Lane 1), MCF7 (Lane 2), HEK-293 (Lane 3), U-87 MG (Lane 4), NIH:OVCAR-3 (Lane 5) and LNCaP (Lane 6) were electrophoresed using NuPAGE™ 10% Bis-Tris Protein Gel (Product # NP0302BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:2000 dilution) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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