Product Datasheet

GMDS Antibody - BSA Free
NBP1-33424

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-33424

GMDS Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Target Molecular Weight	42 kDa

Product Description

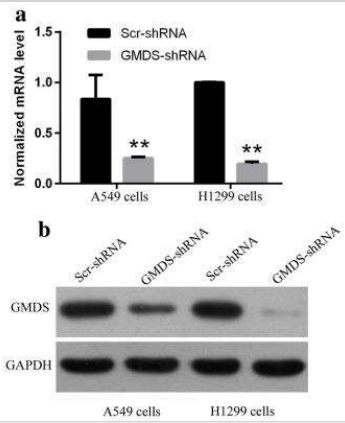
Description	Novus Biologicals Rabbit GMDS Antibody - BSA Free (NBP1-33424) is a polyclonal antibody validated for use in IHC and WB. Anti-GMDS Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2762
Gene Symbol	GMDS
Species	Human
Reactivity Notes	Xenopus laevis (93%), Zebrafish (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human GMDS. The exact sequence is proprietary.

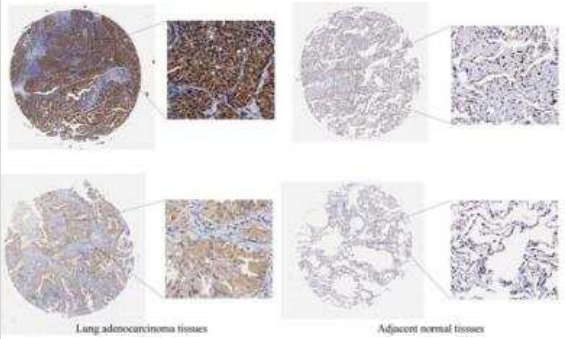
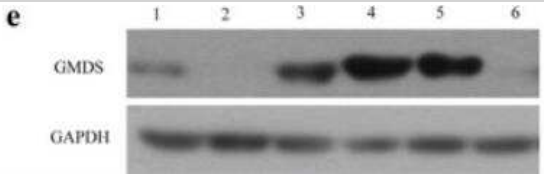
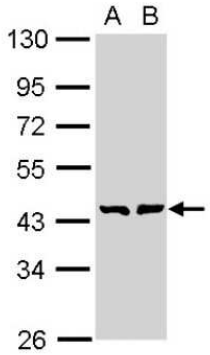
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated

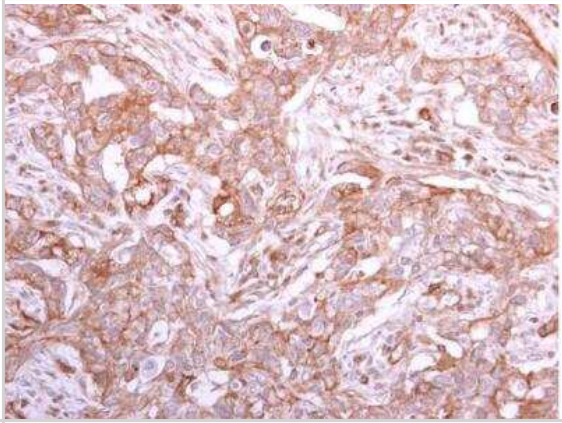
Images

Western Blot: GMDS Antibody [NBP1-33424] - a GMDS mRNA level in A549 cells and H1299 cells infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA examined by quantitative real-time PCR (normalized to GAPDH mRNA). Data shown here was one out of three independent experiments (**p < 0.01). b Relative GMDS protein level in A549 cells and H1299 cells infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA examined by western blot. GAPDH protein was used as internal control. c-d. Representative microscope pictures of A549 cells. Image collected and cropped by CiteAb from the following publication (https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4524-1) licensed under a CC-BY license.

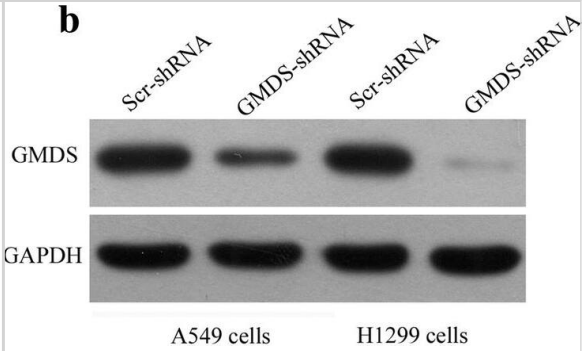


Immunohistochemistry: GMDS Antibody [NBP1-33424] - Representative images of GMDS IHC staining in human lung adenocarcinoma and adjacent normal tissues. (Magnification, left is 20x, right is 100x). Image collected and cropped by CiteAb from the following publication (https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4524-1) licensed under a CC-BY license.	
Western Blot: GMDS Antibody [NBP1-33424] - GMDS protein level in different cell lines including BEAS-2B (1), MRC-5 (2), HEK-293 (3), A549 (4), H1299 (5), SPC-A-1 (6). A59, H1299 and SPC-A-1 are all human lung adenocarcinoma cell lines. Image collected and cropped by CiteAb from the following publication (https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4524-1) licensed under a CC-BY license.	
Western Blot: GMDS Antibody [NBP1-33424] - Sample (30 ug of whole cell lysate) A: A431 B: H1299 10% SDS PAGE; antibody diluted at 1:1000.	
Immunohistochemistry-Paraffin: GMDS Antibody [NBP1-33424] - DLD1 xenograft, using GMDS antibody at 1:500 dilution. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.	

Immunohistochemistry-Paraffin: GMDS Antibody [NBP1-33424] - Human breast carcinoma. GMDS antibody [N2C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: GMDS Antibody [NBP1-33424] - Impaired cell proliferation in human lung adenocarcinoma cell lines with GMDS knockdown via Cellomics ArrayScan VTI. a GMDS mRNA level in A549 cells & H1299 cells infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA examined by quantitative real-time PCR (normalized to GAPDH mRNA). Data shown here was one out of three independent experiments (**, $p < 0.01$). b Relative GMDS protein level in A549 cells & H1299 cells infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA examined by western blot. GAPDH protein was used as internal control. c-d. Representative microscope pictures of A549 cells (c) & H1299 cells (d) infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA at different time points. e-f. Proliferation profiling of A549 cells (e) & H1299 cells (f) infected with lentivirus expressing either Scr-shRNA or GMDS-shRNA for continuous 5 days examined by Cellomics ArrayScan VTI. Histogram shown here was relative fold changes of cell numbers compared to Day 1 & representing the mean ± SEM of three independent experiments (**, $p < 0.01$) Image collected & cropped by CiteAb from the following publication (https://bmccancer.biomedcentral.com/articles/10.1186/s12885-018-4524-1), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Shah, M;Akther, Y;Adams, CL;Banton, MC;Sharma, V;Ercolano, E;Hilton, DA;Kurian, KM;Laraba, L;Woznica, W;Parkinson, DB;de Assis, LJ;Hanemann, CO; Integrated proteomic and targeted Next Generation Sequencing reveal relevant heterogeneity in lower-grade meningioma and ANXA3 as a new target in NF2 mutated meningiomas EBioMedicine 2025-06-17 [PMID: 40562609]

Wei X, Zhang K, Qin H et al. GMDS knockdown impairs cell proliferation and survival in human lung adenocarcinoma BMC Cancer 2018-05-29 [PMID: 29843634] (WB, IHC-P, Human)

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Products Related to NBP1-33424

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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