

Product Datasheet

LASS2 Antibody (1A6)

H00029956-M01A

Unit Size: 0.2 ml

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

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00029956-M01A

Updated 9/9/2025 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/H00029956-M01A

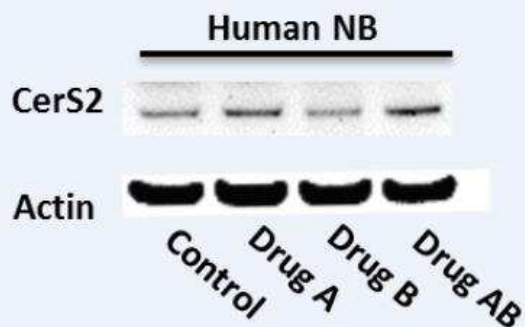


H00029956-M01A**LASS2 Antibody (1A6)**

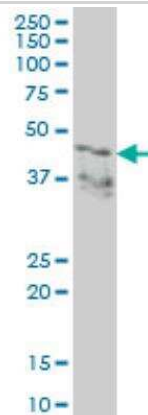
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.2 ml |
| Concentration | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1A6 |
| Preservative | No Preservative |
| Isotype | IgM Kappa |
| Purity | Unpurified |
| Buffer | Ascites |
| Product Description | |
| Description | Novus Biologicals Mouse LASS2 Antibody (1A6) (H00029956-M01A) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-LASS2 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 29956 |
| Gene Symbol | CERS2 |
| Species | Human, Mouse |
| Specificity/Sensitivity | LASS2 - LAG1 longevity assurance homolog 2 (<i>S. cerevisiae</i>) (1A6) |
| Immunogen | LASS2 (AAH01357, 1 a.a. ~ 380 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MLQTLYDYFWWERLWLPVNLTWADLEDRDGRVYAKASDLYITLPLALLFLIVRY FFELYVATPLAALLNIKEKTRLRAPPNATLEHFYLTSGKQPKQVEVELLSRQSG SGRQVERWFRRRRNQDRPSLLKKFREASWRFTFYLIAFIAGMAVIVDKPWFYD MKKVWEGYPIQSTIPSQYWYMIELSFYWSLLFSIASDVKRKDFKEQIIHHVATII LISFSWFANYIRAGTLIMALHDSSDYLLLESAKMFNYAGWKNTCENNIFIVFAIVFIIT RLVILPFWILHCTLVYPLELYPAFFGYFFNSMMGVLQLLHIFWAYLILRMAHKFI TGKLVEDERSDREETESSEGEAAAGGGAKSRPLANGHPILNNNHRKND |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry |
| Application Notes | Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 27255818). |

Images

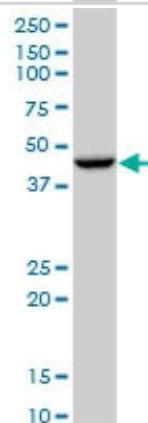
Western Blot: LASS2 Antibody (1A6) [H00029956-M01A] - Human neuroblastoma cells untreated or treated with various drugs. Image from verified customer review.



Western Blot: LASS2 Antibody (1A6) [H00029956-M01A] - S2 monoclonal antibody (M01), clone 1A6 Western Blot analysis of LASS2 expression in HepG2.



Western Blot: LASS2 Antibody (1A6) [H00029956-M01A] - S2 monoclonal antibody (M01), clone 1A6. Western Blot analysis of LASS2 expression in NIH/3T3.



Publications

Huang Q, Kang T, Shen S et al. Extracellular vesicular delivery of ceramides from pulmonary macrophages to endothelial cells facilitates chronic obstructive pulmonary disease. *Cell communication and signaling* : CCS 2025-03-08 [PMID: 40055817]

Saez ME CCR5 deficiency impairs CD4+ T cell memory responses and antigenic sensitivity through increased ceramide synthesis *EMBO J* 2020-06-12 [PMID: 32525588]

Couttas TA, Kain N, Suchowerska AK et al. Loss of ceramide synthase 2 activity, necessary for myelin biosynthesis, precedes tau pathology in the cortical pathogenesis of Alzheimer's Disease. *Neurobiol Aging*. [PMID: 27255818] (IF/IHC, Human)

Separovic D, Breen P, Joseph N et al. Ceramide synthase 6 knockdown suppresses apoptosis after photodynamic therapy in human head and neck squamous carcinoma cells. *Anticancer Res* 2012-03-01 [PMID: 22399588]

Novgorodov SA, Riley CL, Keffler JA et al. SIRT3 Deacetylates Ceramide Synthases: Implications for Mitochondrial Dysfunction and Brain Injury. *J. Biol. Chem.* 2015-11-30 [PMID: 26620563] (WB, Mouse)

Mullen TD, Spassieva S, Jenkins RW et al. Selective knockdown of ceramide synthases reveals complex interregulation of sphingolipid metabolism. *J Lipid Res.* 2011-01-01 [PMID: 20940143] (WB, Human)

Separovic D, Breen P, Joseph N et al. siRNA-Mediated Down-regulation of Ceramide Synthase 1 Leads to Apoptotic Resistance in Human Head and Neck Squamous Carcinoma Cells after Photodynamic Therapy. *Anticancer Res* 2012-07-01 [PMID: 22753704]

Siskind LJ, Mullen TD, Romero Rosales K et al. The BCL-2 protein BAK is required for long-chain ceramide generation during apoptosis. *J Biol Chem* 285(16):11818-26. 2010-04-16 [PMID: 20172858]





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 H00029956-M01A

| | |
|------------------|---|
| NB820-59661 | Mouse Kidney Whole Tissue Lysate (Adult Whole Normal) |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-96975-0.5mg | Mouse IgM Kappa Light Chain Isotype Control (MMK) |

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/H00029956-M01A

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

