

Product Datasheet

BRMS1 Antibody (2D4-2G11) - Azide and BSA Free H00025855-M01

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00025855-M01

Updated 2/21/2025 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/H00025855-M01



H00025855-M01

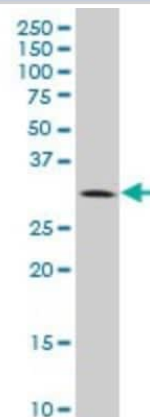
BRMS1 Antibody (2D4-2G11) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
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	Monoclonal
Clone	2D4-2G11
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	25855
Gene Symbol	BRMS1
Species	Human
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	BRMS1 - breast cancer metastasis suppressor 1
Immunogen	BRMS1 (AAH09834, 1 a.a. ~ 246 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPVQPPSKDTEEMEAEGDSAAEMNGEEEESEEEERSGSQTESEEEESSEMDDE DYERRRSECVSEMLDLEKQFSELKEKLFRRERLSQLRLRLLEEVGAEARAPEYTEP LGGLQRSLKIRIQVAGIYKGFCLDVIRNKYECQLQGAQHLESEKLLLYDTLQGE LQERIQRLEEDRQSLDLSEWWDDKLHARGSSRSWDSLPPSKRKKAPLVSGP YIVYMLQEIDILEDWTAIKKARAAVSPQKRKSDGP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactive against tissue lysate and recombinant protein for western blot. It has also been used for ELISA.

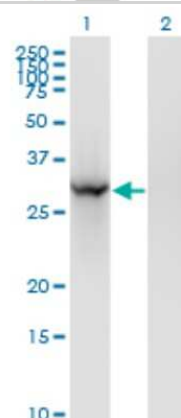


Images

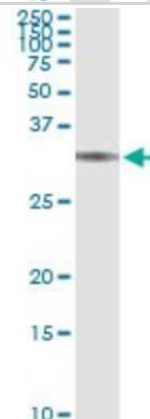
Western Blot: BRMS1 Antibody (2D4-2G11) [H00025855-M01] - BRMS1 monoclonal antibody (M01), clone 2D4-2G11. Analysis of BRMS1 expression in human liver.



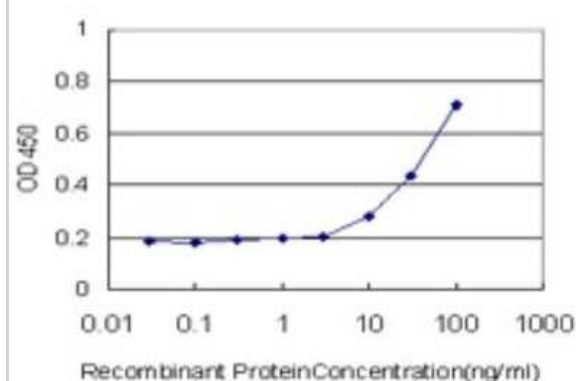
Western Blot: BRMS1 Antibody (2D4-2G11) [H00025855-M01] - Analysis of BRMS1 expression in transfected 293T cell line by BRMS1 monoclonal antibody (M01), clone 2D4-2G11. Lane 1: BRMS1 transfected lysate (Predicted MW: 28.5 kDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: BRMS1 Antibody (2D4-2G11) [H00025855-M01] - Analysis of BRMS1 transfected lysate using anti-BRMS1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BRMS1 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: BRMS1 Antibody (2D4-2G11) [H00025855-M01] - Detection limit for recombinant GST tagged BRMS1 is approximately 3ng/ml as a capture antibody.



Publications

Nagji AS, Liu Y, Stelow EB et al. BRMS1 transcriptional repression correlates with CpG island methylation and advanced pathologic stage in non-small cell lung cancer. *J Pathol* 2010-05-11 [PMID: 20455258]

Kim B, Nam HJ, Pyo KE et al. Breast Cancer Metastasis Suppressor 1 (BRMS1) is destabilized by the Cul3-SPOP E3 ubiquitin ligase complex. *Biochem Biophys Res Commun*. 2011-11-09 [PMID: 22085717]

Cui RX, Liu N, He QM et al. Low BRMS1 expression promotes nasopharyngeal carcinoma metastasis in vitro and in vivo and is associated with poor patient survival. *BMC Cancer*. 2012-08-29 [PMID: 22931099]

Liu Y, Mayo MW, Nagji AS et al. BRMS1 Suppresses Lung Cancer Metastases through an E3 Ligase Function on Histone Acetyltransferase p300. *Cancer Res*. 2013-02-07 [PMID: 23269275]

Ventura BV, Quezada C, Maloney SC et al. Expression of the metastasis suppressor BRMS1 in uveal melanoma. *Ecancermedalscience*. 2014-03-11 [PMID: 24688598]

Hudelist G, Singer CF, Pischinger KI et al. Proteomic analysis in human breast cancer: identification of a characteristic protein expression profile of malignant breast epithelium. *Proteomics* 2006-03-01 [PMID: 16470630] (WB, Human)

Rivera J, Megias D, Bravo J. Proteomics-Based Strategy To Delineate the Molecular Mechanisms of the Metastasis Suppressor Gene BRMS1. *J Proteome Res*;6(10):4006-18. 2007-10-01 [PMID: 17854218]

Liu Y, Smith PW, Jones DR. Breast cancer metastasis suppressor 1 functions as a corepressor by enhancing HDAC1-mediated deacetylation of RelA/p65 promoting apoptosis. *Mol Cell Biol*;26(23):8683-96. 2006-12-01 [PMID: 17000776]

Arai T, Oda T et al. TDP-43 is a component of ubiquitin-positive tau-negative inclusions in frontotemporal lobar degeneration amyotrophic lateral sclerosis. *Biochem Biophys Res Commun*;351(3):602-11. 2006-12-22 [PMID: 17084815]

Smith PW, Liu Y, Siefert SA et al. Breast cancer metastasis suppressor 1 (BRMS1) suppresses metastasis correlates with improved patient survival in non-small cell lung cancer. *Cancer Lett*;276(2):196-203. 2009-04-18 [PMID: 19111386]





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 H00025855-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-51518-0.02mg	Recombinant Human BRMS1 T7 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/H00025855-M01

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

