

Product Datasheet

smu1 Antibody (2B12-2F2) - Azide and BSA Free H00055234-M01

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00055234-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/H00055234-M01



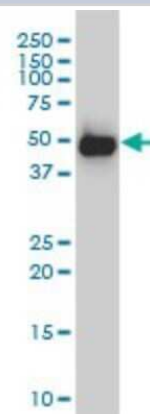
H00055234-M01

smu1 Antibody (2B12-2F2) - Azide and BSA Free

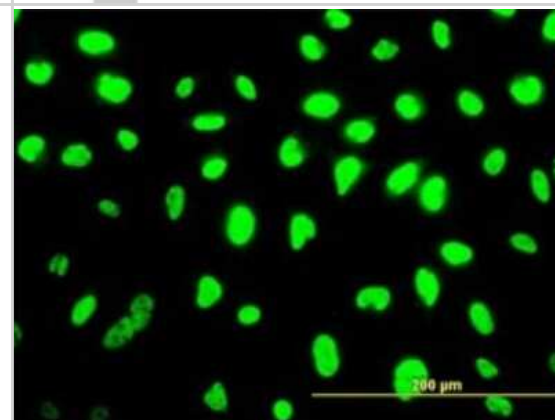
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2B12-2F2
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	55234
Gene Symbol	SMU1
Species	Human
Specificity/Sensitivity	SMU1 - smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans)
Immunogen	SMU1 (AAH02876, 1 a.a. ~ 513 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSIEIESSDVIRLIMQYLKENSLHRALATLQEETTVSLNTVDSIESFVADINSGHW DTVLQAIQSLKLPDKTLIDLIEQVVLELIELRELGAARSLRQTDPMIMLKQTQPE RYIHLENLLARSYFDPREAYPDGSSKEKRRAAIAQALAGEVSVVPPSRLMALLG QALKWQQHQGLLPPGMTIDLFRGKAAVKDVEEEKFPTQLSRHIKFGQKSHVEC ARFSPDGQYLVTGSVDGFIEVWNFTTGKIRKDLKYQAQDNFMMDDAVLCMC FSRDTEMLATGAQDGKIKVWKIQSGQCLRRFERAHSKGVTCLSFSKDSSQILS ASFDQTIIRIHGLKSGKTLKEFRGHSSFVNEATFTQDGHYIISASSDGTVKIWNMK TTECSNTFKSLGSTAGTDITVNSVILLPKNPEHFVVCNRSNTVVIMNMGGQIVRS FSSGKREGGDFVCCALSPRGEWIYCVGEDFVLYCFSTVTGKLERTLTVHEKDV IGIAHHPHQNLIATYSEDGLLKLWKP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

Images

Western Blot: smu1 Antibody (2B12-2F2) [H00055234-M01] - SMU1 monoclonal antibody (M01), clone 2B12-2F2 Analysis of SMU1 expression in Hela S3 NE.



Immunocytochemistry/Immunofluorescence: smu1 Antibody (2B12-2F2) [H00055234-M01] - Analysis of monoclonal antibody to SMU1 on HeLa cell. Antibody concentration 10 ug/ml.



Publications

Surnameren G, Surnameliu G, Surnameguo G et al. Loss of Smu1 function de-represses DNA replication and over-activates ATR-dependent replication checkpoint. *Biochem Biophys Res Commun.* 2013-05-29 [PMID: 23727573]



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 H00055234-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00055234-P01-10ug	Recombinant Human smu1 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.

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/H00055234-M01

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

