

Product Datasheet

SMC6L1 Antibody (2E6) - Azide and BSA Free H00079677-M01

Unit Size: 0.1 mg

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

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H00079677-M01

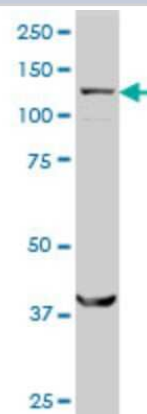
SMC6L1 Antibody (2E6) - Azide and BSA Free

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	2E6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse SMC6L1 Antibody (2E6) - Azide and BSA Free (H00079677-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, IP and ChIP. Anti-SMC6L1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79677
Gene Symbol	SMC6
Species	Human
Specificity/Sensitivity	SMC6L1 - SMC6 structural maintenance of chromosomes 6-like 1 (yeast)
Immunogen	SMC6L1 (AAH39828, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAKRKEENFSSPKNAKRPRQEELEDFDKDGDEDECKGTTLTAAEVGIIESIHLK NFMCHSMLGPFKFGSNVNFVVGNNNGSGKSAVLTAIVGLGGRAVATNRGSSL KGFV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500, Chromatin Immunoprecipitation (ChIP)
Application Notes	Antibody reactive against cell lysate for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

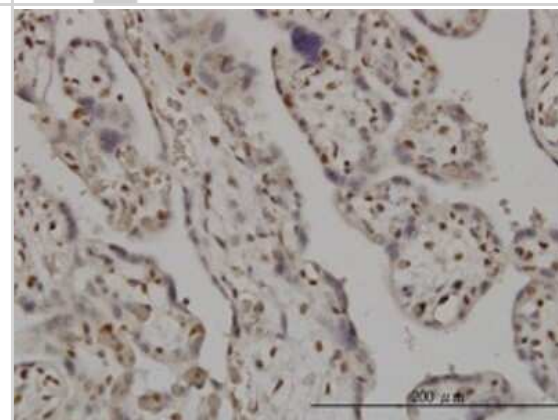


Images

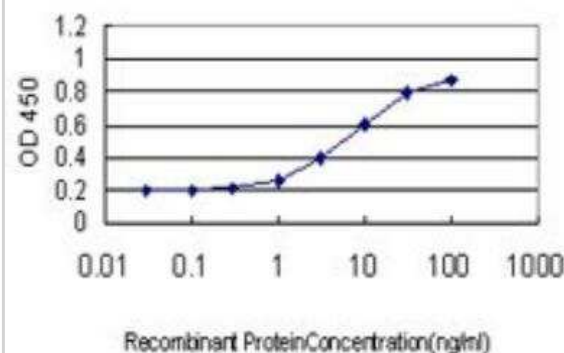
Western Blot: SMC6L1 Antibody (2E6) [H00079677-M01] - SMC6L1 monoclonal antibody (M01), clone 2E6 Analysis of SMC6L1 expression in HeLa.



Immunohistochemistry-Paraffin: SMC6L1 Antibody (2E6) [H00079677-M01] - Analysis of monoclonal antibody to SMC6L1 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



ELISA: SMC6L1 Antibody (2E6) [H00079677-M01] - Detection limit for recombinant GST tagged SMC6L1 is approximately 0.3ng/ml as a capture antibody.



Publications

Wenjiao Z, Yuanping S, Changrun Z et al. In-frame deletion of SMC5 related with the phenotype of primordial dwarfism, chromosomal instability and insulin resistance. Clin Transl Med. 2023-01-15 [PMID: 36627765]

Gallego-Paez LM, Tanaka H, Bando M et al. Smc5/6-mediated regulation of replication progression contributes to chromosome assembly during mitosis in human cells. Mol Biol Cell. 2013-11-20 [PMID: 24258023]



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 H00079677-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-33378PEP	SMC6L1 Recombinant Protein Antigen

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.

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