

Product Datasheet

SP1 Antibody (1A5) - Azide and BSA Free H00006667-M02

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00006667-M02

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/H00006667-M02



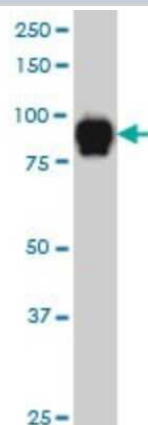
H00006667-M02

SP1 Antibody (1A5) - Azide and BSA Free

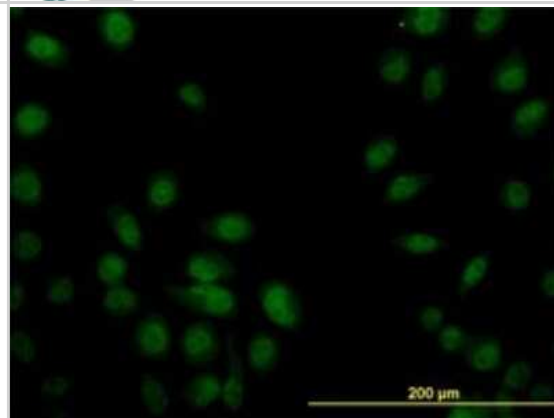
| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 1A5 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 6667 |
| Gene Symbol | SP1 |
| Species | Human, Mouse |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Specificity/Sensitivity | SP1 (1A5) |
| Immunogen | SP1 (NP_612482, 89 a.a. ~ 198 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GTGELDLTATQLSQGANGWQIISSSSGATPTSKEQSGSSTNGSNGSESSKNRT VSGGQYVVAAPNLQNQQVLTGLPGVMPNIQYQVIPQFQTVDDGQQLQFAATG AQVQQ |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Application Notes | Antibody reactivity against cell lysate and recombinant protein for WB. |

Images

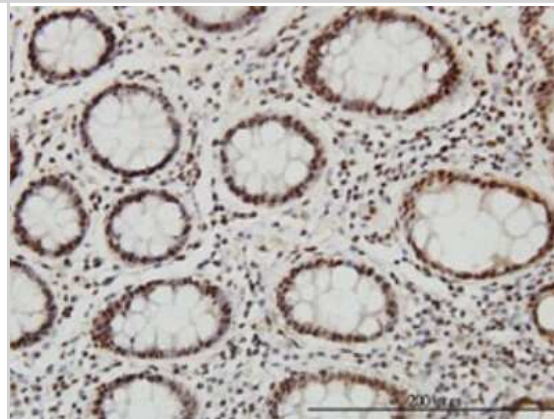
Western Blot: SP1 Antibody (1A5) [H00006667-M02] - SP1 monoclonal antibody (M02), clone 1A5 Analysis of SP1 expression in Hela S3 NE.



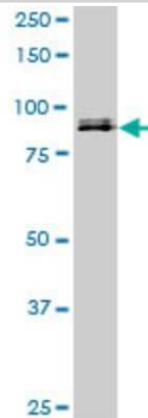
Immunocytochemistry/Immunofluorescence: SP1 Antibody (1A5) [H00006667-M02] - Analysis of monoclonal antibody to SP1 on HeLa cell. Antibody concentration 10 ug/ml.



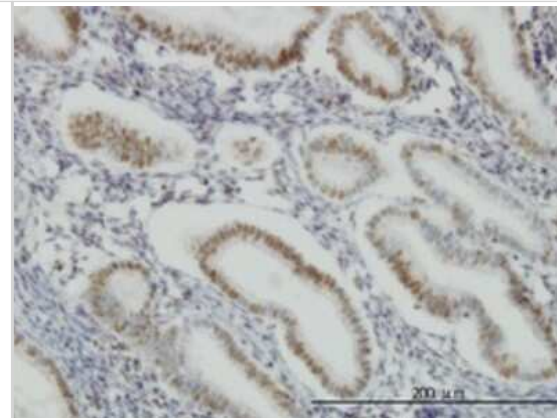
Immunohistochemistry-Paraffin: SP1 Antibody (1A5) [H00006667-M02] - Analysis of monoclonal antibody to SP1 on formalin-fixed paraffin-embedded human colon. Antibody concentration 1 ug/ml.



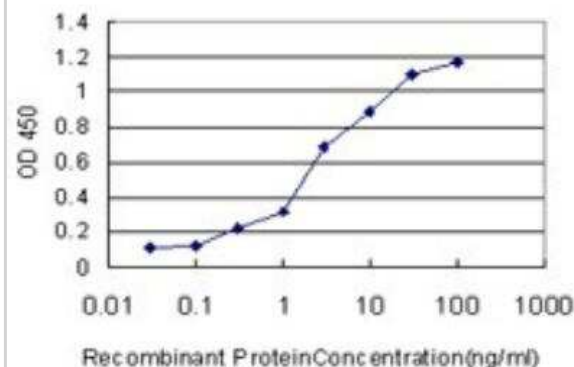
Western Blot: SP1 Antibody (1A5) [H00006667-M02] - SP1 monoclonal antibody (M02), clone 1A5. Analysis of SP1 expression in NIH/3T3.



Immunohistochemistry-Paraffin: SP1 Antibody (1A5) [H00006667-M02] - Analysis of monoclonal antibody to SP1 on formalin-fixed paraffin-embedded human endometrium. Antibody concentration 1 ug/ml.



ELISA: SP1 Antibody (1A5) [H00006667-M02] - Detection limit for recombinant GST tagged SP1 is approximately 0.1ng/ml as a capture antibody.



Publications

Fan Y, Song S, Pizzi MP, Zou G et Al. Exosomal Galectin-3 promotes peritoneal metastases in gastric adenocarcinoma via microenvironment alterations iScience 2025-01-15 [PMID: 39811647]

Kim SY, Chae CW, Lee HJ et al. Sodium butyrate inhibits high cholesterol-induced neuronal amyloidogenesis by modulating NRF2 stabilization-mediated ROS levels: involvement of NOX2 and SOD1 Cell Death Dis 2020-06-18 [PMID: 32555166] (Human)

Pellegrini L, Pucci B, Villanova L et al. SIRT3 protects from hypoxia and staurosporine-mediated cell death by maintaining mitochondrial membrane potential and intracellular pH Cell Death Differ [PMID: 22595756] (WB, Human)

Details:

Used the IHC-Prediluted form of this antibody.



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 H00006667-M02

| | |
|------------------|---|
| NB800-PC9 | HeLa Nuclear Cell Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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/H00006667-M02

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

