

Product Datasheet

ASPM Antibody NB100-2278

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 10

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2278

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/NB100-2278



NB100-2278

ASPM Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.25 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

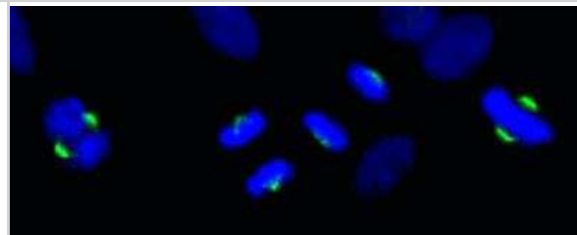
Product Description	
Description	Novus Biologicals Rabbit ASPM Antibody (NB100-2278) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ASPM Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	259266
Gene Symbol	ASPM
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 22350525).
Immunogen	The immunogen recognized by this antibody maps to a region between residue 3425 and the C-terminus (residue 3477) of human ASP (Abnormal Spindle)-like, Microcephaly Associated using the numbering given in entry NP_060606.2 (GeneID 259266).

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin
Application Notes	For ICC/IF: Permeabilization with Triton-X 100 is recommended. Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Likely to work with frozen sections. IHC was reported in scientific literature (PMID: 22350525). Use in IHC-P reported in scientific literature (PMID: 30092011).

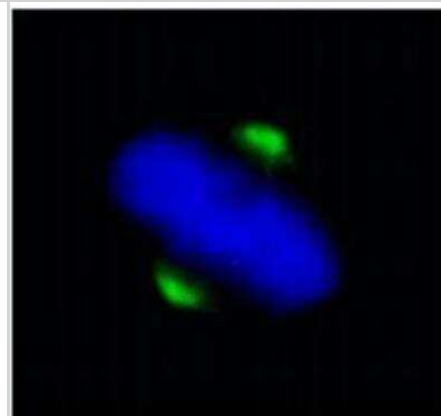


Images

Immunocytochemistry/Immunofluorescence: ASPM Antibody [NB100-2278] - Samples: NBF-fixed asynchronous HeLa cells . Antibody: Affinity purified rabbit anti-ASPM used at a dilution of 1:250. Detection: Goat anti-rabbit IgG (h&l) FITC used at a dilution of 1:100.



Immunocytochemistry/Immunofluorescence: ASPM Antibody [NB100-2278] - Detection of Human ASPM in NBF-fixed asynchronous HeLa cells with anti-ASPM used at a dilution of 1:250. Detection: Goat anti-rabbit IgG (h&l) FITC used at a dilution of 1:100.



Publications

Li Y, Liu Y, Gao Z et al. Single-cell transcriptomes of mouse bladder urothelium uncover novel cell type markers and urothelial differentiation characteristics *Cell Proliferation* 2021-04-01 [PMID: 33538002]

Hei-Yong G Lo, Chad G Pearson, J Matthew Taliaferro Differential subcellular localization of ASPM RNA and protein *microPublication Biology* 2024-01-24 [PMID: 38344067]

So C, Seres K. B, et al. A liquid-like spindle domain promotes acentrosomal spindle assembly in mammalian oocytes. *Science* 2019-06-28 [PMID: 31249032] (ICC/IF, Mouse, Sheep, Porcine, Bovine)

Chinen T, Yamamoto S, Takeda Y et al. NuMA assemblies organize microtubule asters to establish spindle bipolarity in acentrosomal human cells *EMBO J.* 2019-11-29 [PMID: 31782546] (ICC/IF)

Gemble S, Simon A, Penner C et al. Centromere Dysfunction Compromises Mitotic Spindle Pole Integrity *Curr. Biol.* 2019-09-23 [PMID: 31495582] (Human)

Raman P, Maddipati R, Lim KH et al. Pancreatic cancer survival analysis defines a signature that predicts outcome *PLoS ONE* 2018-08-09 [PMID: 30092011] (IHC-P, Human)

Jiang K, Rezabkova L, Hua S et al. Microtubule minus-end regulation at spindle poles by an ASPM-katanin complex. *Nat. Cell Biol.* 2017-05-01 [PMID: 28436967] (ICC/IF)

Sgourdou P, Mishra-Gorur K, Saotome I et al. Disruptions in asymmetric centrosome inheritance and WDR62-Aurora kinase B interactions in primary microcephaly. *Sci Rep.* 2017-03-08 [PMID: 28272472] (ICC/IF, Mouse)

Griffith E, Walker S, Martin CA et al. Mutations in pericentrin cause Seckel syndrome with defective ATR-dependent DNA damage signaling. *Nat Genet* 2008-02-01 [PMID: 18157127]

Bainer RO, Veneris JT, Yamada SD et al. Time-dependent transcriptional profiling links gene expression to mitogen-activated protein kinase kinase 4 (MKK4)-mediated suppression of omental metastatic colonization. *Clin Exp Metastasis* 2012-06-01 [PMID: 22350525] (IF/IHC, Mouse)



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 NB100-2278

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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/NB100-2278

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

