

Product Datasheet

Emerin Antibody (EMD/2168) - Azide and BSA Free NBP3-08893

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-08893

Updated 7/16/2024 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/NBP3-08893



NBP3-08893

Emerin Antibody (EMD/2168) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EMD/2168
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	37 kDa

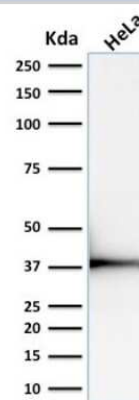
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07151). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2010
Gene Symbol	EMD
Species	Human
Marker	Papillary Thyroid Carcinoma and EDMD Marker
Specificity/Sensitivity	Emerin is a member of the nuclear lamina associated protein family. It is ubiquitously expressed and localized to the nuclear membrane in normal cells. Mutations of the gene that encodes emerin result in the X-linked recessive disease Emery-Dreifuss muscular dystrophy (EDMD), which is characterized by slowly progressing contractures, skeletal muscle wasting and cardiomyopathy. Reportedly, lack of Emerin expression is one cause of EDMD. Emerin is involved in the association of the nuclear membrane with the lamina, and is localized specifically to desmosomes and fasciae adherents in the heart. Identification of nuclear membrane irregularities with anti-emerin antibody has been reported useful in diagnosing papillary thyroid carcinoma.
Immunogen	Recombinant human Emerin protein fragment (around aa 56-167) (exact sequence is proprietary) (Uniprot: P50402)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

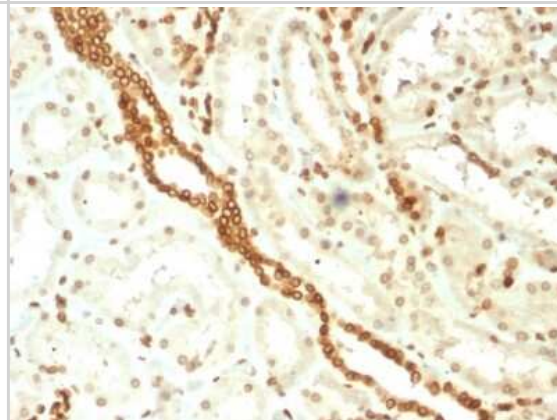


Images

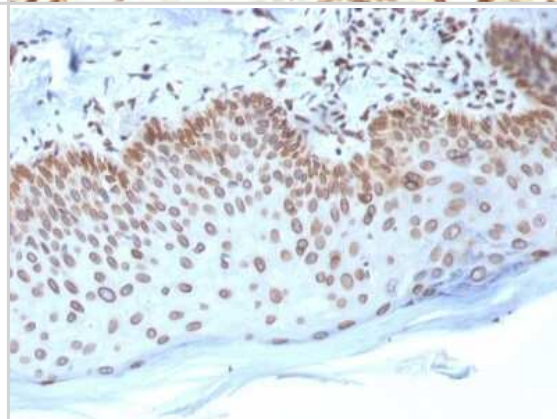
Western Blot: Emerin Antibody (EMD/2168) [NBP3-08893] - Western Blot Analysis of human HeLa cell lysate using Emerin Mouse Monoclonal Antibody (EMD/2168).



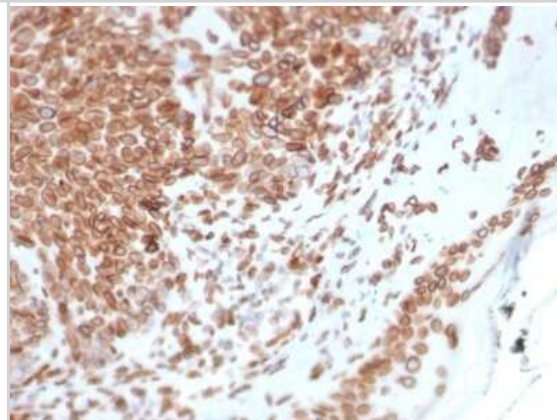
Immunohistochemistry-Paraffin: Emerin Antibody (EMD/2168) [NBP3-08893] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Emerin Mouse Monoclonal Antibody (EMD/2168).



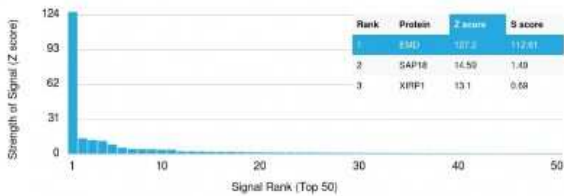
Immunohistochemistry-Paraffin: Emerin Antibody (EMD/2168) [NBP3-08893] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with Emerin Mouse Monoclonal Antibody (EMD/2168).



Immunohistochemistry-Paraffin: Emerin Antibody (EMD/2168) [NBP3-08893] - Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with Emerin Mouse Monoclonal Antibody (EMD/2168).



Protein Array: Emerin Antibody (EMD/2168) [NBP3-08893] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Mouse Emerin Monoclonal Antibody (EMD/2168).





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 NBP3-08893

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)
H00002010-P01-10ug	Recombinant Human Emerin 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/NBP3-08893

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

