

Product Datasheet

Emerin Antibody (CL0201) - BSA Free NBP2-52876

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-52876

Emerin Antibody (CL0201) - BSA Free

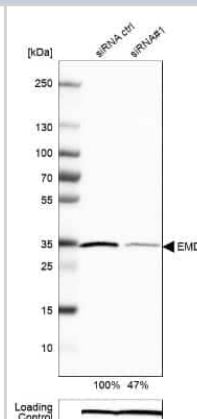
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0201
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	2010
Gene Symbol	EMD
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P50402, with the exact immunogen sequence remaining proprietary.

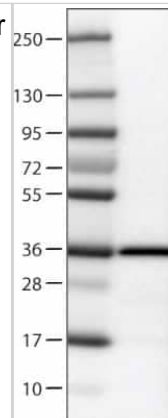
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

Images

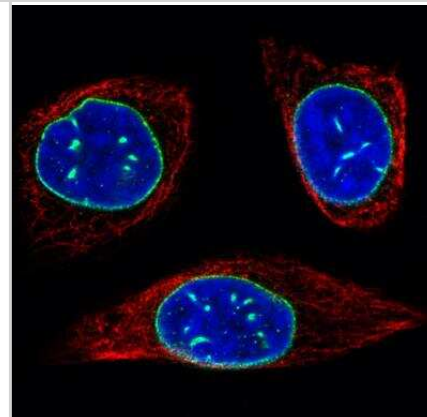
Western Blot: Emerin Antibody (CL0201) [NBP2-52876] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-EMD antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



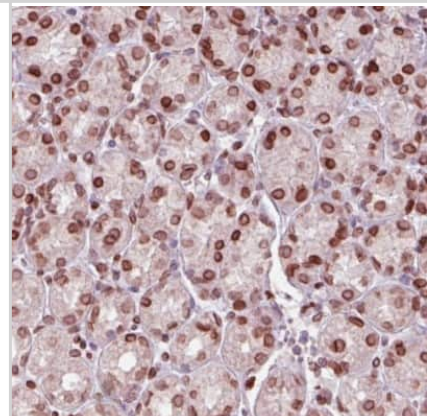
Western Blot: Emerin Antibody (CL0201) [NBP2-52876] - Lane 1: Marker [kDa] Lane 2: Human cell line RT-4



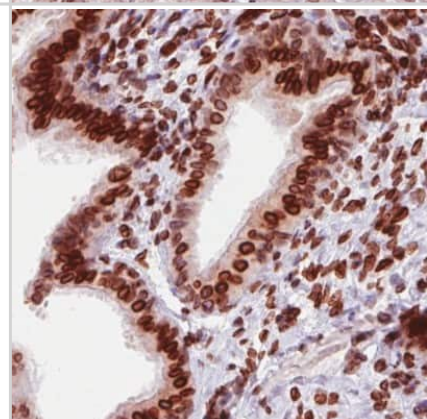
Immunocytochemistry/Immunofluorescence: Emerin Antibody (CL0201) [NBP2-52876] - Staining of PC-3 cells using the Anti-EMD monoclonal antibody, showing specific staining in the nuclear membrane in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



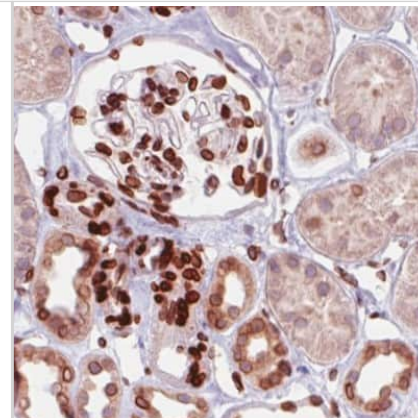
Immunohistochemistry-Paraffin: Emerin Antibody (CL0201) [NBP2-52876] - Staining of human stomach shows strong positivity in the nuclear membrane of glandular cells.



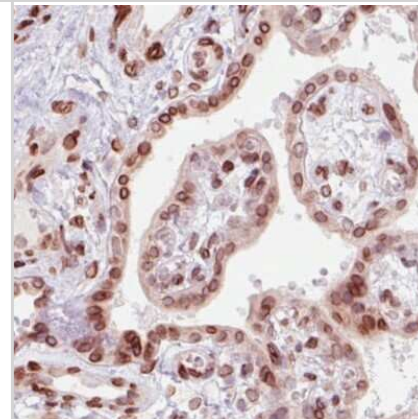
Immunohistochemistry-Paraffin: Emerin Antibody (CL0201) [NBP2-52876] - Staining of human fallopian tube shows strong positivity in the nuclear membrane of glandular cells.



Immunohistochemistry-Paraffin: Emerin Antibody (CL0201) [NBP2-52876] - Staining of human kidney shows strong immunoreactivity in the nuclear membrane in renal glomeruli and tubuli.



Immunohistochemistry-Paraffin: Emerin Antibody (CL0201) [NBP2-52876] - Staining of human placenta shows strong immunoreactivity in the nuclear membrane in the trophoblast layer.



Publications

Hiroe T, Moriya S, Kobayashi S et al. Negative correlation between the nuclear size and nuclear Lamina component Lamin A in intraductal papillary mucinous neoplasms of the pancreas Pathology oncology research : POR 2022-12-06 [PMID: 36561231] (IHC-P, Human)

Watabe S, Kobayashi S, Hatori M Et al. Role of Lamin A and emerin in maintaining nuclear morphology in different subtypes of ovarian epithelial cancer Oncology letters 2022-01-01 [PMID: 34820008] (IHC-P, Human)

Kobayashi S, Saio M, Fukuda T et al. Image analysis of the nuclear characteristics of emerin protein and the correlation with nuclear grooves and intranuclear cytoplasmic inclusions in lung adenocarcinoma. Oncol Rep. 2018-11-02 [PMID: 30542735] (IHC-P, Human)



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Products Related to NBP2-52876

NBP2-52876PEP	Emerin Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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