

Product Datasheet

Fibulin 1 Antibody (CL0337) - BSA Free NBP2-52918

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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Publications: 1

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NBP2-52918

Fibulin 1 Antibody (CL0337) - 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	CL0337
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

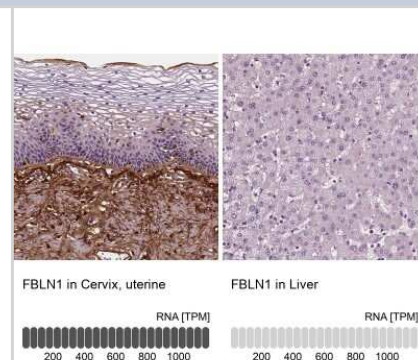
Product Description	
Description	Novus Biologicals Mouse Fibulin 1 Antibody (CL0337) - BSA Free (NBP2-52918) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Fibulin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2192
Gene Symbol	FBLN1
Species	Human
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
Immunogen	This antibody was developed using a recombinant protein derived from P23142, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

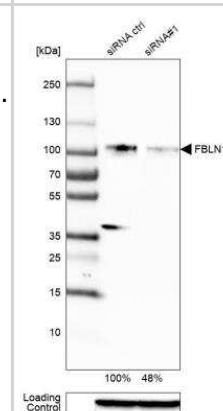


Images

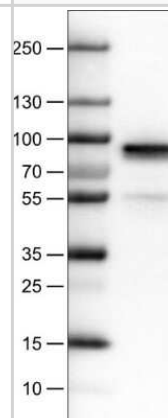
Immunohistochemistry-Paraffin: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Staining in human cervix, uterine and liver tissues. Corresponding FBLN1 RNA-seq data are presented for the same tissues.



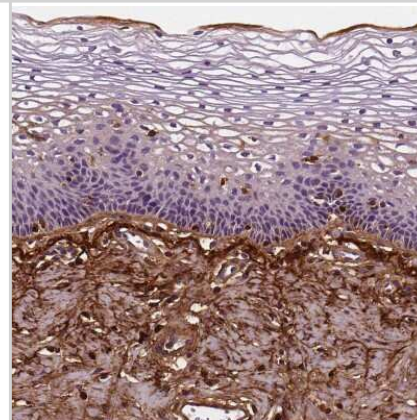
Western Blot: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Analysis in RT-4 cells transfected with control siRNA, target specific siRNA probe #1, using Anti-FBLN1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



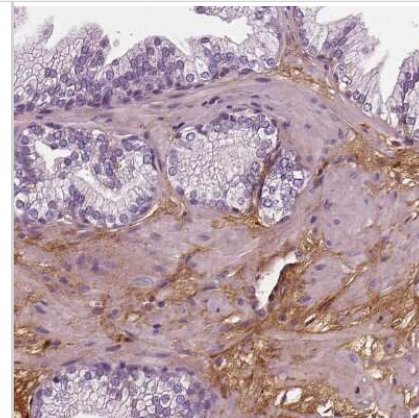
Western Blot: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Lane 1: Marker [kDa] Lane 2: Human plasma



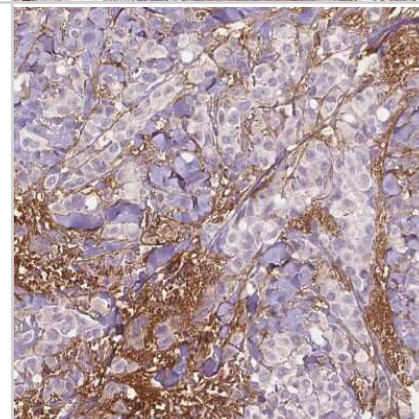
Immunohistochemistry-Paraffin: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Staining of human uterine cervix shows strong positivity in the extracellular matrix.



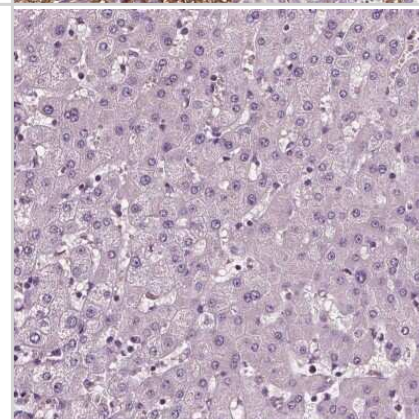
Immunohistochemistry-Paraffin: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Staining of human prostate shows moderate positivity in the extracellular matrix.



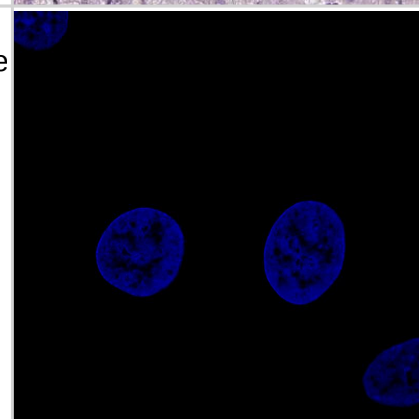
Immunohistochemistry-Paraffin: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Staining of human breast cancer shows moderate positivity in the extracellular matrix of tumor stroma.



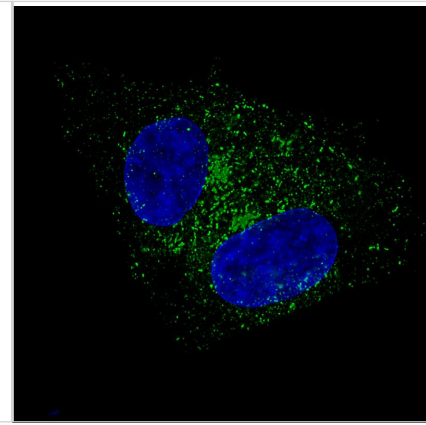
Immunohistochemistry-Paraffin: Fibulin 1 Antibody (CL0337) [NBP2-52918] - Staining of human liver shows no positivity as expected.



Staining of MCF7 cells using the Anti-FBLN1 monoclonal antibody, showing no specific staining of vesicles. MCF7 cells serves as a negative control based on RNA-seq values. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Staining of RT-4 cells using the Anti-FBLN1 monoclonal antibody, showing specific staining in vesicles in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



Publications

Peng L, Jin X, He Q et al. Remodelling landscape of tissue-engineered bladder with porcine small intestine submucosa using single-cell RNA sequencing Cell proliferation 2022-09-30 [PMID: 36177893] (IF/IHC, Mouse)



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Products Related to NBP2-52918

NBP2-52918PEP	Fibulin 1 Recombinant Protein Antigen
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.

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