

Product Datasheet

Lumican Antibody (JE11-45)

NBP2-76847

Unit Size: 100 ul

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

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Updated 2/24/2026 v.20.1

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NBP2-76847

Lumican Antibody (JE11-45)

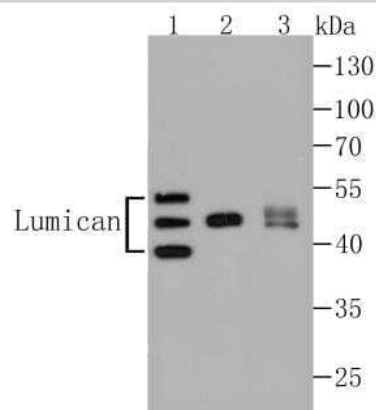
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE11-45
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	38 kDa

Product Description	
Description	Novus Biologicals Rabbit Lumican Antibody (JE11-45) (NBP2-76847) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Lumican Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4060
Gene Symbol	LUM
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Lumican aa 172-338 / 338. (SwissProt: P51884 Human)

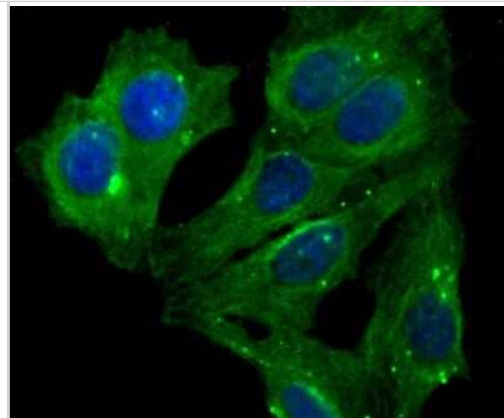
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

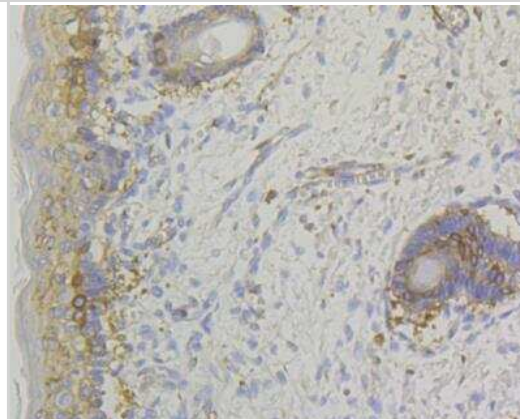
Western Blot: Lumican Antibody (JE11-45) [NBP2-76847] - Western blot analysis of Lumican on different lysates using anti-Lumican antibody at 1/1,000 dilution. Positive control: Lane 1: Jurkat Lane 2: 293T Lane 3: Human skin



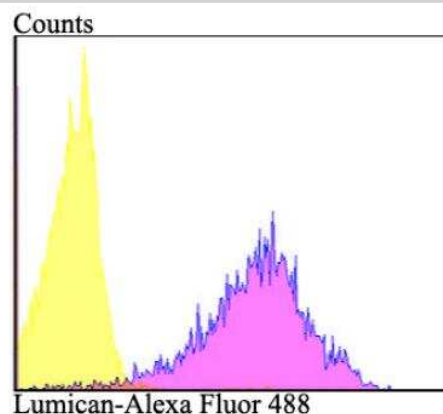
Immunocytochemistry/Immunofluorescence: Lumican Antibody (JE11-45) [NBP2-76847] - ICC staining Lumican in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



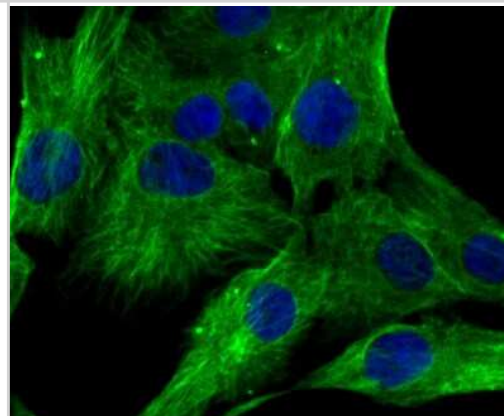
Immunohistochemistry: Lumican Antibody (JE11-45) [NBP2-76847] - Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-Lumican antibody. Counter stained with hematoxylin.



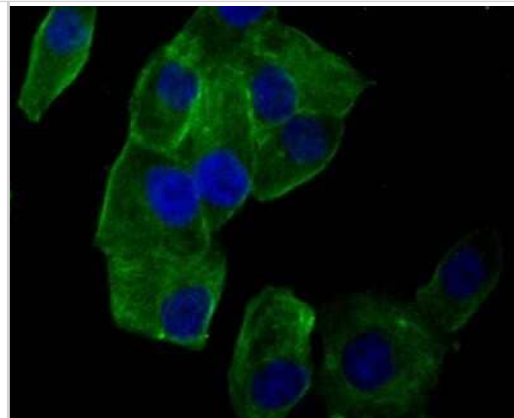
Flow Cytometry: Lumican Antibody (JE11-45) [NBP2-76847] - Flow cytometric analysis of 293T cells with Lumican antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



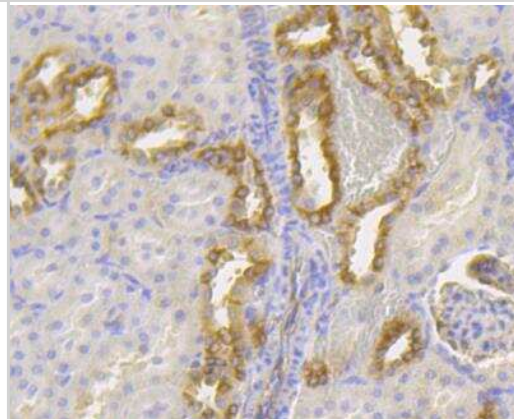
Immunocytochemistry/Immunofluorescence: Lumican Antibody (JE11-45) [NBP2-76847] - ICC staining Lumican in MG-63 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Lumican Antibody (JE11-45) [NBP2-76847] - ICC staining Lumican in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry: Lumican Antibody (JE11-45) [NBP2-76847] - Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-Lumican antibody. Counter stained with hematoxylin.



Publications

Barnes EA, Ito R, Che X et al. Loss of Prolyl Hydroxylase 1 and 2 in SM22⁺-Expressing Cells Prevents Hypoxia-Induced Pulmonary Hypertension *American journal of physiology. Lung cellular and molecular physiology* 2023-10-17 [PMID: 37847687]

Alves AL, Carvalho AC, Machado I et al. Cell-Laden Marine Gelatin Methacryloyl Hydrogels Enriched with Ascorbic Acid for Corneal Stroma Regeneration *Bioengineering (Basel, Switzerland)* 2023-01-04 [PMID: 36671634] (ICC/IF, Human)

Details:

Dilution used in ICC 1:200



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Products Related to NBP2-76847

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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