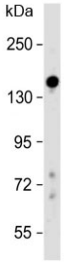
Lubricin Antibody / PRG4 / N-Terminal Region (F54211)

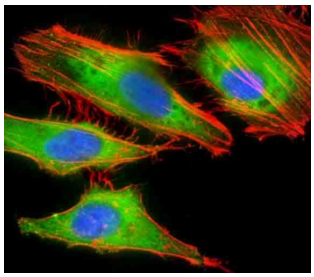
Catalog No.	Formulation	Size
F54211-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54211-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Purity	Peptide affinity purified
UniProt	Q92954
Localization	Cytoplasmic, secreted
Applications	Western Blot: 1:500 Immunofluorescence/Immunohistochemistry: 1:25
Limitations	This Lubricin antibody is available for research use only.



Western blot testing of human liver lysate with Lubricin antibody at 1:500. Predicted molecular weight ~151 kDa.



IF/ICC testing of fixed and permeabilized human HeLa cells with Lubricin antibody (green) at 1:25 dilution, anti-actin (red) and DAPI nuclear stain (blue).

Description

Proteoglycan 4 (PRG4), also called Lubricin, plays a role in boundary lubrication within articulating joints. Prevents protein deposition onto cartilage from synovial fluid by controlling adhesion-dependent synovial growth and inhibiting the adhesion of synovial cells to the cartilage surface.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Lubricin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 176-210 from the N-terminal region of the human protein was used as the immunogen for the Lubricin antibody.

Storage

Aliquot the Lubricin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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