abcam

Product datasheet

Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free ab198974

重组 RabMAb

2 Abreviews 2 References 5 图像

概述

产品名称	Anti-Lumican抗体[EPR8898(2)] - BSA and Azide free
描述	兔单克隆抗体[EPR8898(2)] to Lumican - BSA and Azide free
宿主	Rabbit
经测试应用	**适用于:** IHC-P, WB, ICC/IF, Flow Cyt (Intra) **不适用于:** IP
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide within Human Lumican. The exact sequence is proprietary. Database link: **P51884**
阳性对照	Saos-2, fetal skin, fetal heart, Jurkat, Y79 and 293T lysates , Human kidney and Human skin tissues, Saos-2 and 293T cells
常规说明	ab198974 is the carrier-free version of **ab168348**. Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications. Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold. This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production

For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.20 Constituent: 100% PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR8898(2)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab198974于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 50 kDa (predicted molecular weight: 38 kDa).
ICC/IF	★★★☆☆ **(2)**	Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration. **ab199376** - Rabbit monoclonal (Low endotoxin, Azide free), is suitable for use as an isotype control with this antibody.

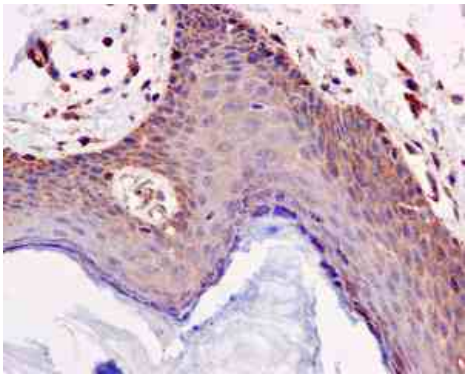
应用说明 Is unsuitable for IP.

靶标

组织特异性	Cornea and other tissues.
序列相似性	Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class II subfamily. Contains 11 LRR (leucine-rich) repeats. Contains 1 LRRNT domain.
发展阶段	Present in the extracellular matrix of human articular cartilage at all ages, although its abundance is far greater in the adult. In the adult cartilage lumican exists predominantly in a glycoprotein form

	lacking keratan sulfate, whereas the juvenile form of the molecule is a proteoglycan.
翻译后修饰	Sulfated on tyrosine residue(s).
细胞定位	Secreted > extracellular space > extracellular matrix.

图片

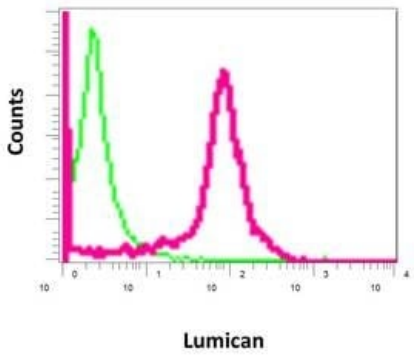


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free (ab198974)

Immunohistochemical analysis of paraffin embedded Human skin tissue labeling Lumican with **ab168348** at 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab168348**).

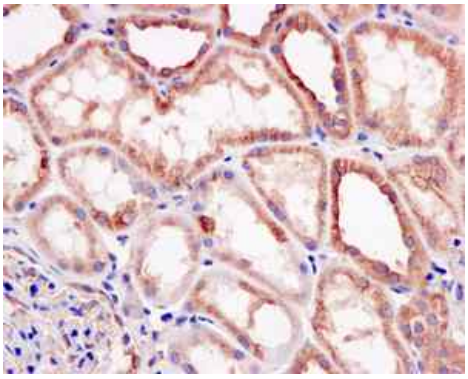
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free (ab198974)

Intracellular flow cytometrical analysis of permeabilized 293T cells with **ab168348** antibody at a dilution of 1/100 (red) or a rabbit IgG (negative) (green).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab168348**).

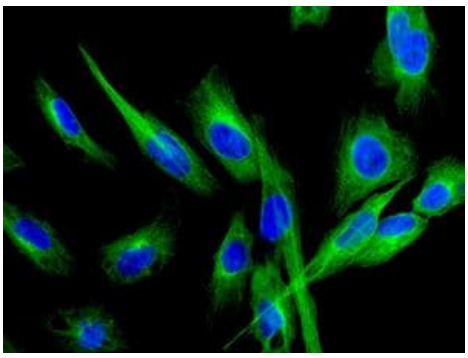


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free (ab198974)

Immunohistochemical analysis of paraffin embedded Human kidney tissue labeling Lumican with **ab168348** at 1/50.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab168348**).

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free (ab198974)

This ICC/IF data was generated using the same anti-Lumican antibody clone, EPR8898(2), in a different buffer formulation (cat# **ab168348**).

Immunofluorescent analysis of Saos-2 cells labeling Lumican with **ab168348** at 1/250.

Anti-Lumican antibody [EPR8898(2)] - BSA and Azide free (ab198974)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors