



Anti-Collagen IV alpha 6 antibody ab221554

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Collagen IV alpha 6 antibody
Description	Rabbit polyclonal to Collagen IV alpha 6
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human Collagen IV alpha 6 aa 500-600. Database link: Q14031  Run BLAST with  Run BLAST with
Positive control	A549 cells
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab221554 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 0.25 - 2 µg/ml. Fixation/Permeabilization: PFA/Triton X-100.

Target

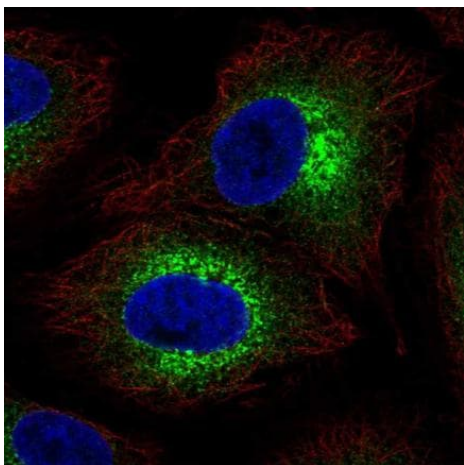
Relevance

Collagen IV alpha 6 is one of six subunits of type IV collagen. Type IV collagen is the major structural component of glomerular basement membranes (GBM) together with laminins, proteoglycans and entactin/nidogen. It is a triple-helical molecule composed of 3 alpha chains.

Cellular localization

Secreted

Images



Immunofluorescent analysis of PFA-fixed, Triton X-100 permeabilized A549 cells labeling Collagen IV alpha 6 with ab221554 at 4 µg/mL (green).

Immunocytochemistry/ Immunofluorescence - Anti-Collagen IV alpha 6 antibody (ab221554)

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

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