



Product datasheet

Anti-Laminin alpha 5/LAMA5 antibody ab220399

★★★★☆ 1 Abreviews 1 Image

Overview

Product name	Anti-Laminin alpha 5/LAMA5 antibody
Description	Rabbit polyclonal to Laminin alpha 5/LAMA5
Host species	Rabbit
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant fragment corresponding to Human Laminin alpha 5/LAMA5 aa 3463-3562. Sequence:</p> <p>QPHTLFVGGLPASSHSSKLPVTVGFSGCVKRLRLHGR PLGAPTRMAGVTP CILGPLEAGLFFPGSGGVITLDLPGATLPDVGLELEVR PLAVTGLIFHLG</p> <p>Database link: O15230</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	ICC/IF - Caco2 cells
General notes	This product was previously labelled as Laminin alpha 5

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	<p>pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 59% PBS, 40% Glycerol</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab220399** in the following tested applications.

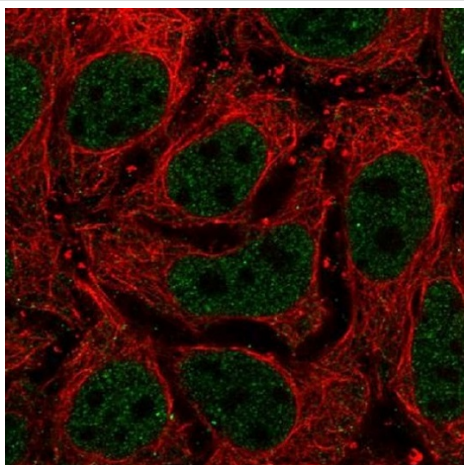
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use a concentration of 1 - 4 µg/ml. Recommended conditions: Fixation/Permeabilization: PFA/Triton X-100

Target

Function	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.
Tissue specificity	Expressed in heart, lung, kidney, skeletal muscle, pancreas, retina and placenta. Little or no expression in brain and liver.
Sequence similarities	Contains 22 laminin EGF-like domains. Contains 5 laminin G-like domains. Contains 1 laminin IV type A domain. Contains 1 laminin N-terminal domain.
Domain	Domain G is globular and is part of the major cell-binding site located in the long arm of the laminin heterotrimer.
Cellular localization	Secreted, extracellular space, extracellular matrix, basement membrane. Major component.

Images



Immunofluorescent analysis of PFA fixed, Triton X-100 permeabilized Caco2 cells labeling Laminin alpha 5/LAMA5 with ab220399 at 4 µg/ml (green).

Immunocytochemistry/ Immunofluorescence - Anti-Laminin alpha 5/LAMA5 antibody (ab220399)

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