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Datasheet for ABIN335387

anti-Laminin antibody

2 Publications

Overview

Quantity:	0.1 mg
Target:	Laminin (LN)
Reactivity:	Human, Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Laminin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

Product Details

Immunogen:	A5 is a rat monoclonal IgG2a antibody derived by fusion of mouse myeloma cells with spleen cells from a Fisher rat immunized with a laminin preparation from the EHS mouse tumor.
Clone:	A5
Isotype:	IgG2a
Specificity:	Human and mouse.
Purification:	Purified

Target Details

Target:	Laminin (LN)
Alternative Name:	Laminin (LN Products)

Target Details

Background: Basement membrane components play an important role in cell adhesion, locomotion, differentiation and embryonic compartmentalization. Laminin anchors cells to the basement membrane through interactions with integrins at the cell surface and collagens in the basement membrane.

Application Details

Application Notes: A5 reacts with laminin. APPLICATIONS A5 is suitable for immunocytochemistry and immunohistochemistry on frozen tissues. Optimal antibody dilution should be determined by titration, recommended range is 1:25 - 1:200 for immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent.

Restrictions: For Research Use only

Handling

Storage: 4 °C

Publications

Product cited in: Ljubimova, Lakhter, Loksh, Yong, Riedinger, Miner, Sorokin, Ljubimov, Black: "Overexpression of alpha4 chain-containing laminins in human glial tumors identified by gene microarray analysis." in: **Cancer research**, Vol. 61, Issue 14, pp. 5601-10, (2001) ([PubMed](#)).

Ljubimov, Bartek, Couchman, Kapuller, Veselov, Kovarik, Perevoshchikov, Krutovskikh: "Distribution of individual components of basement membrane in human colon polyps and adenocarcinomas as revealed by monoclonal antibodies." in: **International journal of cancer. Journal international du cancer**, Vol. 50, Issue 4, pp. 562-6, (1992) ([PubMed](#)).