

Anti-LAMA4/Laminin Alpha 4 Antibody

Catalog Number: A04999

About LAMA4

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.

Iivanainen A., FEBS Lett. 365:183-188(1995).

Richards A.J., Eur. J. Biochem. 238:813-821(1996).

Mungall A.J., Nature 425:805-811(2003).

Overview

Product Name	Anti-LAMA4/Laminin Alpha 4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-LAMA4/Laminin Alpha 4 Antibody (Catalog # A04999). Tested in WB, IHC, IF applications. This antibody reacts with Human, Mouse.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16363

Technical Details

Immunogen	Synthesized peptide derived from internal of human LAMA4.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

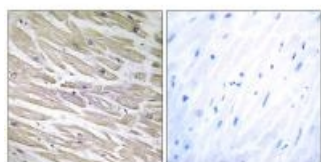
Boster Bio's internal QC testing used:

Western blotting: 1:500~1:3000

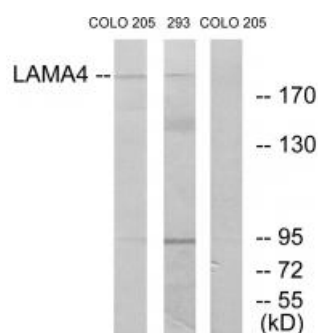
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

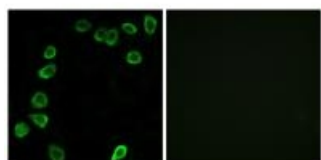
Anti-LAMA4/Laminin Alpha 4 Antibody (A04999) Images



Immunohistochemistry analysis of paraffin-embedded human heart tissue using LAMA4 antibody A04999.



Western blot analysis of extracts from COLO cells and 293 cells, using LAMA4 antibody A04999.



Immunofluorescence analysis of NIH/3T3 cells, using LAMA4 antibody A04999.

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