

LAMC2 Antibody

LAMC2, laminin, gamma 2, HGNC:6493, B2T, BM600, EBR2, EBR2A, LAMB2T, LAMNB2, BM600-100kDa, kalinin (105kD), kalinin-105kDa, laminin, gamma 2 (nicein (100kD), kalinin (105kD), BM600 (100kD), Herlitz junctional epidermolysis bullosa), nicein (100kDa), nicein-100kDa

CATALOG NO.: 45-820

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

LAMC2 Antibody. This antibody is expected to recognise both reported isoforms (NP_005553.1; NP_061486.1)

SOURCE:

LAMC2 antibody was raised against a synthetic peptide of LAMC2.

PROTEIN ACCESSION NUMBER(S) :

NP_005553.1, NP_061486.1

SPECIES REACTIVITY:

Human

TESTED APPLICATION:

E

APPLICATION:

Peptide ELISA: antibody detection limit dilution 1:16,000.
Western Blot: Preliminary experiments gave bands at approx 170kDa and 55-60kDa in Human Lung lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 131kDa according to NP_005553.1 and 122kDa according to NP_061486.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Amin K, Janson C, Seveus L, Miyazaki K, Virtanen I, Venge P. Uncoordinated production of Laminin-5 chains in airways epithelium of allergic asthmatics. *Respir Res.* 2005 Sep 22;6:110.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.