



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-Laminin-2 LG5 [C3\_Hu10] Standard Size Ab03278-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** C3\_Hu10

**Alternative Name(s) of Target:** Merosin; Laminin subunit alpha-2; LAMA2; Laminin 211; laminin G-like 5 domain; LG5; g-like 4 and 5 domain; LG-4/5; Laminin M chain; Laminin-12 subunit alpha; Laminin-2 subunit alpha; Laminin-4 subunit alpha; Merosin heavy chain; C3; humanized C3

**UniProt Accession Number of Target Protein:** P24043; Q60675

**Published Application(s):** WB, ELISA, FC, IF

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing Balb/c and Trianni mice with human laminin-2 LG5 domain. Humanized version was generated by grafting CDRs of parental mouse antibody C3 onto human framework regions.

**Specificity:** This antibody recognizes human and mouse laminin-2 LG5 and LG4/5 domain. Laminin is a large extracellular heterotrimeric glycoprotein and a major constituent of the basement membrane. It is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.

**Application Notes:** The binding specificity of this antibody for human and mouse laminin-2 LG5 was confirmed using ELISA. This antibody is capable of detecting human and mouse LG-4/5 expressed on HEK293 in a flow cytometry. This antibody can also be used for the identification recombinant human laminin-2 (Hu 211), murine LG-5 (mLG5), human LG-5 (hLG5), and human LG-4/5 (hLG4/LG5) in a western blot. This antibody was also used for the immunofluorescent staining of unfixed human and mouse muscle tissues. This antibody was used in combination with anti-laminin-2 antibody AS30\_Hu6 to generate a duobody called TBTI (US11254737).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:**

Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.