



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Laminin-211 LG5 [PL60B3] Bulk Size Ab03280-1.159-BT

**Isotype and Format:** Mouse IgG1-Fc fusion

**Clone Number:** PL60B3

**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

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

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

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing an alpaca with a mixture of transfected CHO cells expressing human and mouse laminin 211 LG5 domain.

**Specificity:** This antibody recognizes human and mouse laminin 211 LG5 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. Laminin-211 (formerly named merosin) is the most abundant laminin isoform in the basement membrane of adult skeletal muscle. Laminin-211 deficiency leads to the most common form of congenital muscular dystrophy in childhood, MDC1A.

**Application Notes:** The binding specificity of this antibody to human and mouse laminin 211 LG5 expressed on the surface of CHO cells was confirmed using ELISA and flow cytometry. The binding affinity of the original VHH antibody to human beta dystroglycan was determined to be 68 pM. This antibody was used in combination with anti-beta dystroglycan antibody P38G1 for the generation of a bispecific antibody (CN113651891).

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

**Note on publication:**

### Product Form

**Size:** 500 µg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.