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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Laminin-211 LG5 [PL60B3] Bulk size M Ab03280-1.159-BS

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: 1 mg 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: See vial label

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