



# 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

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## Anti-Beta Dystroglycan [P38G1] Standard Size Ab03279-10.0

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

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

**Clone Number:** P38G1

**Alternative Name(s) of Target:** Dystroglycan 1; Dag1; Beta-DG;  $\beta$ -DAG; BETA DAG; Dystroglycan; Dystrophin-associated glycoprotein 1; B-Dystroglycan; B Dystroglycan; Beta-dystroglycan;  $\beta$  dystroglycan;  $\beta$ -dystroglycan

**UniProt Accession Number of Target Protein:** Q14118; Q62165

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

**Published Species Reactivity:** Human, Mouse

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with a mixture of transfected HEK 293 cells expressing human and mouse  $\beta$ -DAG.

**Specificity:** This antibody recognizes human and mouse beta dystroglycan ( $\beta$ -DAG). Beta-dystroglycan is a transmembrane protein that plays an important role in connecting the extracellular matrix to the cytoskeleton. It plays an important role in linking dystrophin to the laminin-binding alpha-dystroglycan. It acts as a cell adhesion receptor in both muscle and non-muscle tissues. It also functions in cell adhesion-mediated signaling and implicated in cell polarity.

**Application Notes:** The binding specificity of this antibody to human and mouse beta dystroglycan expressed on the surface of CHO cells was confirmed using ELISA and flow cytometry. The binding affinity of the original IgG antibody to human beta dystroglycan was determined to be 941 pM. This antibody was used in combination with anti-Laminin antibody PL60B3 for the generation of a bispecific antibody (CN113651891).

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

**Note on publication:**

### Product Form

**Size:** 200 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.