



# 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-CD38 [13B5B11C8] Bulk Size Ab03398-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

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, Fc Silent™, Kappa

**Clone Number:** 13B5B11C8

**Alternative Name(s) of Target:** CGMCC NO.22319; ADP-ribosyl cyclase/cyclic; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; ADPRC 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; T10; 38C03

**UniProt Accession Number of Target Protein:** P28907

**Published Application(s):** WB, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with CD38.

**Specificity:** The antibody is specific for CD38. CD38 is a single-chain transmembrane type II glycoprotein with a molecular weight of 45kD, including a long carboxyl-terminal extracellular domain (258 amino acids), a transmembrane domain (21 amino acids) and a short amino-terminal Intracellular region (21 amino acids). CD38 is a multifunctional protein with receptor and enzyme-mediated functions, which can act as receptor, adhesion molecule and exonuclease.

**Application Notes:** The antibody specifically detected CD38 by Western blot analysis. The antibody 13B5B11C8 and the commercial antibody 38C03 were used to stain B-cell lymphoma and T-cell lymphoma. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 13B5B11C8 was higher than the commercial antibody. The antibody and the commercially available antibody 38C03 were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN113912727A).

**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:** 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.