



# 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-CD32b [NOV0281] Standard Size Ab03965-10.3

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

This is a reformatted human IgG1 Fc Silent Fc Silent™ antibody, based on the original human Fab format, created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Lambda

**Clone Number:** NOV0281

**Alternative Name(s) of Target:** CD32; Low affinity immunoglobulin gamma Fc region receptor II-b; IgG Fc receptor II-b; CDw32; Fc-gamma RII-b; Fc-gamma-RIIb; FcRII-b; human FCGR2B

**UniProt Accession Number of Target Protein:** P31994

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

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated from a human combinatorial antibody library by panning against biotinylated human CD32b.

**Specificity:** The antibody specifically binds to CD32b. The antibody mainly recognizes epitope I (i.e., the Fc binding domain area). The antibody does not cross reacts with human CD32a-R.

**Application Notes:** The specificity of the antibody for CD32b was determined by ELISA analysis. The antibody was able to bind to CD32b expressed on human B cells by flow cytometry analysis (binding affinity 5.4 nM). The binding of the antibody to the BJAB cell line was evaluated by flow cytometry (binding affinity 2.4 nM). The antibody bound to CHO cells expressing huCD32b in flow cytometry analysis. The human IgG1 format of the antibody was evaluated for its activity in a primary NK cell based antibody-dependent cell-mediated cytotoxicity (ADCC) assay. The antibody demonstrated concentration dependent specific cell lysis of both cancer cell lines evaluated (Jeko-1 and Karpas422 Cancer Cell) (US20170198040A1).

**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.