



# 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-CD47 [C47B227] Bulk Size Ab03167-3.0-BT

**Isotype and Format:** Mouse IgG2b, Kappa

**Clone Number:** C47B227

**Alternative Name(s) of Target:** IAP; MER6; OV-3; Leukocyte surface antigen CD47; Antigenic surface determinant protein OA3; Integrin-associated protein; Protein MER6; ovarian cancer marker

**UniProt Accession Number of Target Protein:** Q08722

**Published Application(s):** crystallography, inhibition

**Published Species Reactivity:** Human

**Immunogen:** Three de novo phage libraries displaying Fab variants on phage coat protein pIX were panned against biotinylated human CD47.

**Specificity:** The antibody is specific for CD47. The antibody binds a conformational epitope composed of residues in the C'C'' loop (L54) and B-strand C\*' (K56 and T58) regions.

**Application Notes:** The structure of the Fab fragment in complex with CD47 was determined. The binding affinity of the antibody to human and cyno CD47 were measured ( $K_d = 1\text{ nM}$  and  $0,5\text{ nM}$  respectively). The antibody inhibited CD47 from interacting with SIRP alpha (US10864268).

**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  $4^\circ\text{C}$  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  $-20^\circ\text{C}$ .

**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.