



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CD47 [C47B227] Standard Size Ab03167-3.0

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: 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.