



# 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-CA19-9 [4G2] Standard Size Ab03770-1.1

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

**Clone Number:** 4G2

**Alternative Name(s) of Target:** CA 19-9; sialyl-Lewis<sub>x</sub>; Carbohydrate antigen 19-9; tumor marker

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by immunizing BALB/c mice with carbohydrate antigen 19-9.

**Specificity:** This antibody binds CA19-9, which is a mucin-type glycoprotein tumor marker, a glycolipid on the cell membrane. It is known to play a role in cell-to-cell recognition processes. Elevated levels of CA 19-9 may indicate advanced cancer in the pancreas, but it is also associated with noncancerous conditions, including gallstones, pancreatitis, cirrhosis of the liver, and cholecystitis.

**Application Notes:** This antibody was used in a double antibody sandwich ELISA where antibody 4A6 is a capture antibody, and the antibody 4G2 is a detection antibody. The detection method had high sensitivity, with the LOD of CA19-9 detection as 21.333ng/mL (CN114573700).

**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.