



# 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-Claudin-18.2 [CLDN18.2 v. 19] Standard Size Ab03747-3.0

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

**Clone Number:** CLDN18.2 v. 19

**Alternative Name(s) of Target:** CLDN18.2; 2C6.9-HZ21; HuCLDN18.2-v. 19

**UniProt Accession Number of Target Protein:** P56856

**Published Application(s):** FC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by grafting CDRs of the parental mouse antibody onto human framework regions.

**Specificity:** This antibody is specific for human claudin-18.2 with no cross reactivity with claudin 18.1. Alterations in claudin expression can impair tight junction function, influence signaling pathways, and act as a tumor-promoting event in some epithelial cancers. Claudin 18.2 is overexpressed in various tumor type and is found to be a potentially important target in advanced gastric cancer.

**Application Notes:** The binding specificity of this antibody to human Claudin 18.2 expressed on the surface of HEK293 cells and Kato III cells was done using flow cytometry. The in-vivo anti-tumor activity of this antibody was evaluated in a syngeneic Mc38-huCLDN18.2 xenograft model in mice, which is a murine claudin18.2-/-mouse colon cancer cell line that has been engineered to express human claudin 18.2 (WO2021047599).

**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.