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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Claudin-18.2 [CLDN18.2 v. 19] Bulk Size Ab03747-10.3-BT

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 IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, [Fc Silent™](#), 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: 1 mg Purified antibody in bulk size.

Purification:

Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°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°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.