



# 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-Human Carbonic Anhydrase IX [M75] Standard Size Ab00414-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Fc Silent™, Kappa

**Clone Number:** M75

**Alternative Name(s) of Target:** CA9

**UniProt Accession Number of Target Protein:** Q16790

**Published Application(s):** WB, ELISA, IHC

**Published Species Reactivity:** Human

**Immunogen:** MaTu-infected HeLa cells (MaTu=Mammary Tumour)

**Specificity:** This antibody binds to the epitope APGEEDLPA of human carbonic anhydrase IX.

**Application Notes:** This antibody binds to human carbonic anhydrase IX, which reversibly hydrates carbon dioxide and participates in pH regulation. It is involved in control of cell proliferation and can contribute towards transformation. CA9 has recently been identified as a biomarker for cervical neoplasia (PubMed: 19670419).

**Antibody First Published in:** Pastorekova et al. A novel-quasi-viral agent, MaTu, is a two-component system. Virology 1992; 187(2):620-626 [PMID:1312272](#)

**Note on publication:** Describes how the MaTu antigen acts as a quasi-viral agent and the generation of monoclonal antibodies against it.

### Product Form

**Size:** 200 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.