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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



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-Human Carbonic Anhydrase IX [M75] Standard Size Ab00414-10.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Human IgG1 sequence with a short dimerization domain to improve stability and a his tag.

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 F(ab)2, AbFab2™ His-Tagged, 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: 100 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.