

Product Information

Recombinant Anti-Human CA9 Antibody Fab Fragment

Cat. No.: **MOM-H43-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Chimeric Antibody Fab Fragment is specific to Human CA9, expressed in E. coli

Antigen Description

This gene is identified by the similarity of its product to the N-terminal region of BCL7A protein. The BCL7A protein is encoded by the gene known to be directly involved in a three-way gene translocation in a Burkitt lymphoma cell line. The function of t

Specific Activity

CA9 (carbonic anhydrase IX, CAIX, MN, G250) [Homo sapiens]

Target

CA9

Source

Chimeric

Species Reactivity

Human

Type

Chimeric Fab-IgG1 - kappa

Expression Host

E. coli

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[CA9 carbonic anhydrase IX \[Homo sapiens \]](#)

Official Symbol

CA9

Synonyms

CA9; carbonic anhydrase IX; carbonic anhydrase 9; CAIX; carbonic dehydratase; MN; RCC associated protein G250; pMW1; CA-IX; P54/58N; membrane antigen MN; carbonate dehydratase IX; RCC-associated antigen G250; RCC-associated protein G250; renal cell carcinoma-associated antigen G250;

Gene ID

[768](#)

mRNA Refseq

[NM_001216](#)

Protein Refseq

[NP_001207](#)

MIM

[603179](#)

UniProt ID

Q16790

Chromosome Location

9p12

Pathway

HIF-1-alpha transcription factor network, organism-specific biosystem;

Function

carbonate dehydratase activity; lyase activity; metal ion binding; zinc ion binding;