

# Product Information

## Recombinant Anti-Human CA9 Antibody scFv Fragment

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

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

### Product Overview

Recombinant Chimeric Antibody scFv Fragment is specific for 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

Mouse scFv

### Expression Host

E. coli

### Purity

>95.0% as determined by analysis by RP-HPLC.

### Purification

Purified by Nickel ion affinity chromatography

### Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

### Storage

At -20°C for one year.

## 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;