

## CA9 recombinant antibody

CA9 Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA235601</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

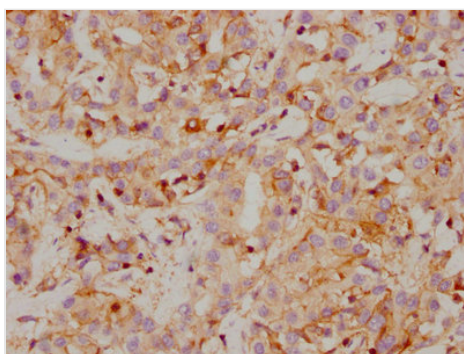
### PRODUCT SYNONYMS

CA9; Monoclonal Recombinant Antibody; CA9 Antibody; Carbonic anhydrase 9; Carbonate dehydratase IX; Carbonic anhydrase IX; CA-IX; CAIX; Membrane antigen MN; P54/58N; Renal cell carcinoma-associated antigen G250; RCC-associated antigen G250; pMW1; G250; MN; CA9 recombinant antibody

### PRODUCT SPECIFICATIONS

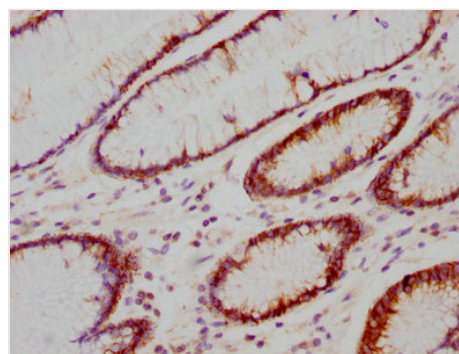
|                                                      |                                                                                                |
|------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Host                                                 | Rabbit                                                                                         |
| Reactivity                                           | Human                                                                                          |
| Clonality                                            | Monoclonal                                                                                     |
| Isotype                                              | IgG                                                                                            |
| Purity/Purification                                  | Affinity-Chromatography                                                                        |
| Form/Format                                          | Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Sequence Length                                      | 459                                                                                            |
| Applicable Applications for CA9 recombinant antibody | IHC (Immunohistochemistry), ELISA                                                              |
| Immunogen Species                                    | Human                                                                                          |
| Immunogen                                            | A synthesized peptide derived from human CA9                                                   |
| Conjugate                                            | Non-Conjugated                                                                                 |
| Preparation and Storage                              | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                    |

### IMAGES



**IHC (Immunohistochemistry)**

IHC image of CSB-RA614990A0HU diluted at 1:118 and staining in paraffin-embedded human liver cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



**IHC (Immunohistochemistry)**

IHC image of CSB-RA614990A0HU diluted at 1:118 and staining in paraffin-embedded human gastric cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                    |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CA9 recombinant antibody | Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia. |
| Product Categories/Family for CA9 recombinant antibody   | Recombinant Antibody; Cardiovascular                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 169636420                                          |
| NCBI GeneID                      | 768                                                |
| NCBI Accession #                 | NP_001207.2                                        |
| NCBI GenBank Nucleotide #        | NM_001216.3                                        |
| UniProt Accession #              | Q16790; Q5T4R1                                     |
| Molecular Weight                 | 49,698 Da                                          |
| NCBI Official Full Name          | carbonic anhydrase 9                               |
| NCBI Official Synonym Full Names | carbonic anhydrase 9                               |
| NCBI Official Symbol             | CA9                                                |
| NCBI Official Synonym Symbols    | MN; CAIX                                           |
| NCBI Protein Information         | carbonic anhydrase 9                               |
| UniProt Protein Name             | Carbonic anhydrase 9                               |
| UniProt Gene Name                | CA9                                                |
| UniProt Synonym Gene Names       | G250; MN; CA-IX; CAIX; RCC-associated antigen G250 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ca9-recombinant-antibody-immunohistochemistry-elisa/235601>