

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody

Catalog # ABO13251

Specification

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Product Information

Application WB, IHC **Primary Accession** Q16790 Rabbit Host Isotype Rabbit IgG Reactivity Human Clonality Monoclonal Format Liquid Description Anti-CA9/Ca Ix Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Additional Information

Gene ID 768

Other Names Carbonic anhydrase 9, 4.2.1.1, 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, CA9, G250, MN

Calculated MW 49698 MW KDa

Application Details WB 1:500-1:2000
HC 1:50-1:200

Subcellular Localization

Nucleus. Nucleus, nucleolus. Cell membrane ; Single-pass type I membrane protein. Cell projection, microvillus membrane ; Single-pass type I membrane protein. Found on the surface microvilli and in the nucleus, particularly in nucleolus.

Tissue Specificity

Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa.

Contents Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human CA9

Purification Affinity-chromatography



Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Protein Information

Name CA9

Synonyms G250, MN

Function

Catalyzes the interconversion between carbon dioxide and water and the dissociated ions of carbonic acid (i.e. bicarbonate and hydrogen ions).

Cellular Location

Nucleus. Nucleus, nucleolus. Cell membrane; Single-pass type I membrane protein. Cell projection, microvillus membrane; Single-pass type I membrane protein. Note=Found on the surface microvilli and in the nucleus, particularly in nucleolus

Tissue Location

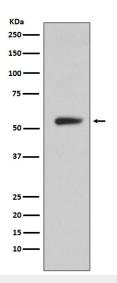
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Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Protocols

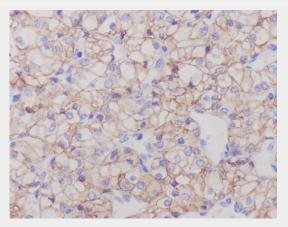
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Images



Western blot analysis of CA9 expression in Human stomach lysate.



Immunohistochemical analysis of paraffin-embedded human kindey cancer, using CA9 Antibody.