

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
Host	Rabbit
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
IHC 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

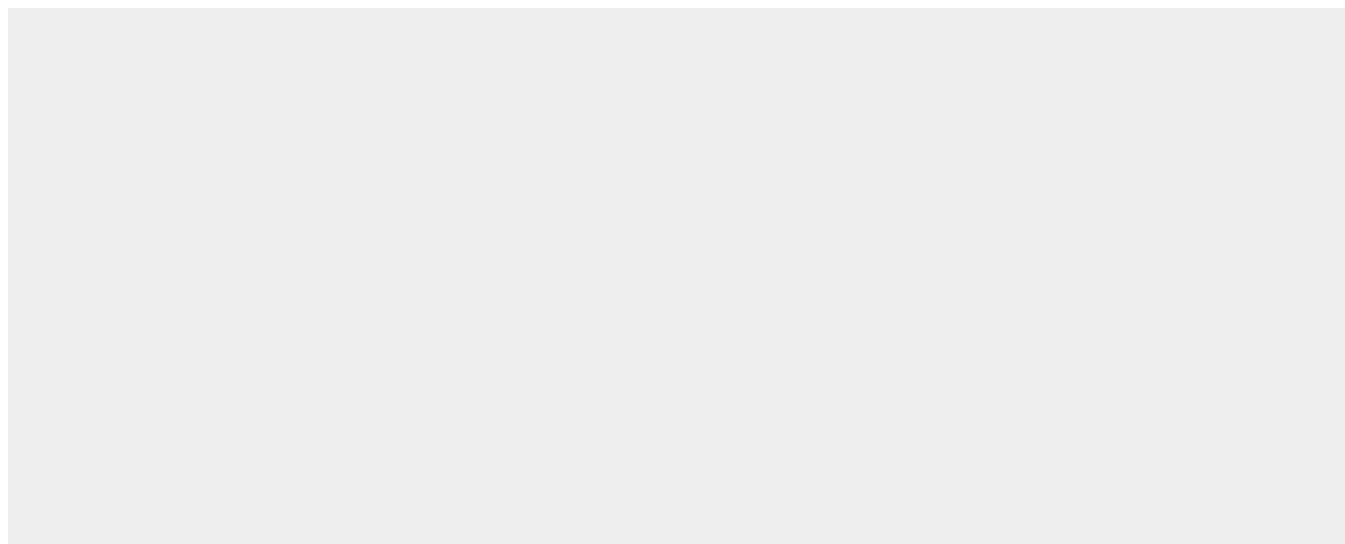
Tissue Location

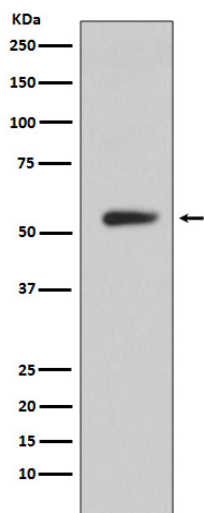
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Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Protocols

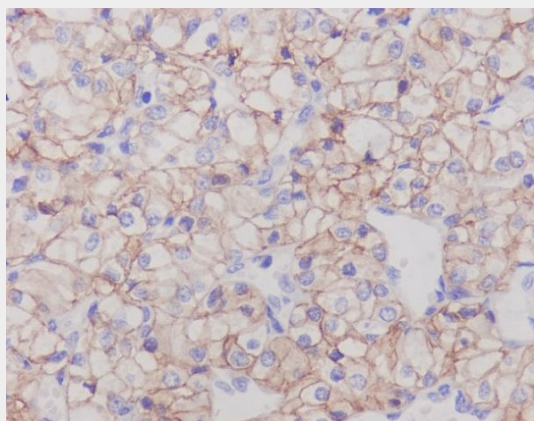
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CA9/Ca Ix Rabbit Monoclonal Antibody - Images



Western blot analysis of CA9 expression in Human stomach lysate.



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