

CAIX9

Mouse Monoclonal Antibody (Mab)
Catalog # APA054

Specification

CA IX 9 - Product Information

Application IHC
Primary Accession Q16790
Host Mouse
Clonality Monoclonal
Calculated MW 49698 Da

CA IX 9 - Additional Information

Gene ID 768
Gene Name CA9

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

Dilution

IHC~~1:100~500

Storage Maintain refrigerated at 2-8°C for up to 2

weeks. For long term storage store at -20°C in small aliquots to prevent

freeze-thaw cycles.

Precautions CA IX 9 is for research use only and not for

use in diagnostic or therapeutic

procedures.

CA IX 9 - Protein Information

Name CA9

Synonyms G250, MN

Function Reversible hydration of carbon dioxide.

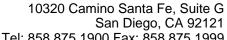
Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia.

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



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Tissue Location

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

CAIX9-Protocols

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

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

CA IX 9 - Images