

CA IX 9
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****Function****G250, MN**

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. 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

Cellular Location

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

CA IX 9 - 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](#)

CA IX 9 - Images