

**CA IX 9**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA054****Specification**

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**CA IX 9 - Product Information**

Application	IHC
Primary Accession	<a href="#">Q16790</a>
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**