

**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

|             |   |
|-------------|---|
| 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 |
| 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