

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

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