10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CA IX 9

Mouse Monoclonal antibody(Mab)
Catalog # AD80054

Specification

CA IX 9 - Product info

Application	**IHC-P, IHC**
Primary Accession	Q16790
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**49698**

CA IX 9 - Additional info

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-P~~Ready-to-use
IHC~~Ready-to-use

Storage
Maintain refrigerated at 2-8°C

Precautions	**CA IX Antibody 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**

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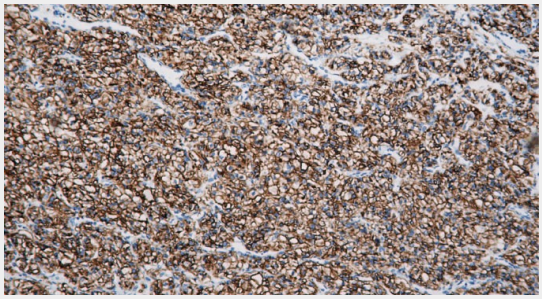
Tissue Location	**nucleolus** **Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa**

CA IX 9 - Protocols

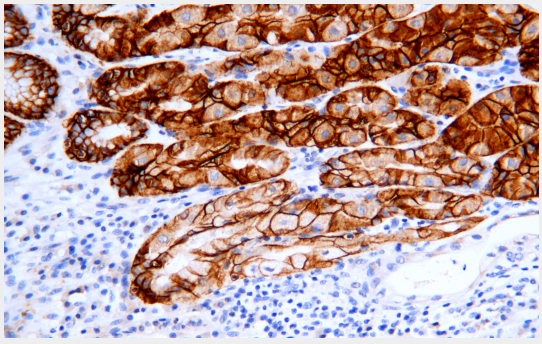
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CA IX 9 - Images



Kidney renal clear cell carcinoma



Immunohistochemical analysis of paraffin-embedded human stomach tissue using AD80054 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0).Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems□Abcepta:AR005□ was used as the secondary antibody.