

**CA IX 9**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80054****Specification**

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**CA IX 9 - Product info**

Application	<b>IHC-P</b>
Primary Accession	<a href="#">Q16790</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>49698</b>

**CA IX 9 - Additional info**

Gene ID	<b>768</b>
Gene Name	<b>CA9</b>

**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

**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****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

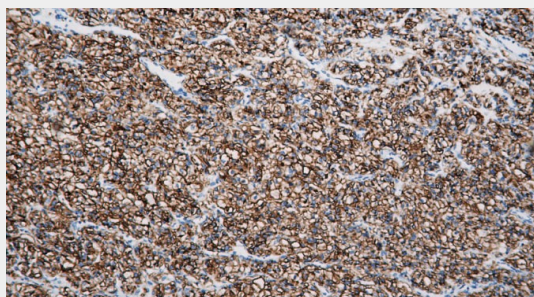
**Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa**

## CA IX 9 - Protocols

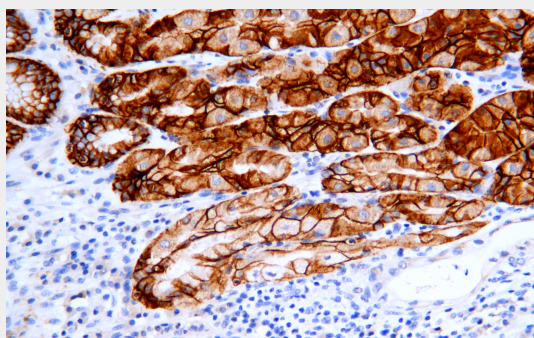
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## CA IX 9 - Images



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. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.