

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

CA IX 9 - Product info

Application	IHC-P
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

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

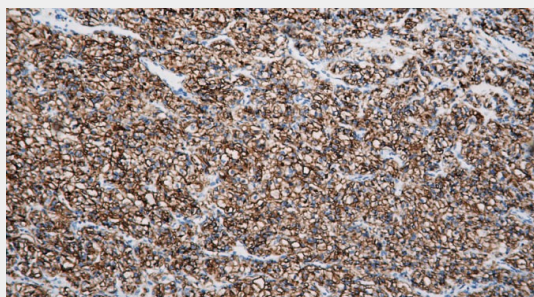
Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa

CA IX 9 - Protocols

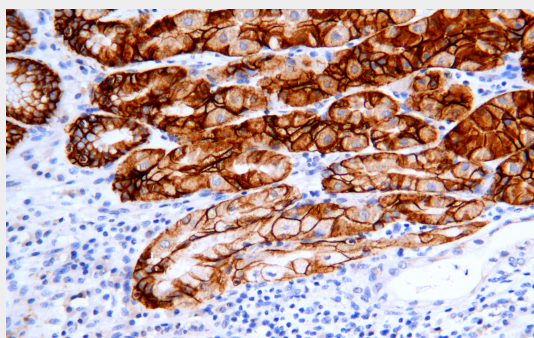
Provided below are standard protocols that you may find useful for product applications.

- [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.