

**Anti-CA9 / CAIX Reference Antibody (girentuximab)  
Recombinant Antibody  
Catalog # APR10744****Specification**

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**Anti-CA9 / CAIX Reference Antibody (girentuximab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">Q16790</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	144.62 KDa

**Anti-CA9 / CAIX Reference Antibody (girentuximab) - Additional Information****Target/Specificity**  
CA9 / CAIX**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**  
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-CA9 / CAIX Reference Antibody (girentuximab) - Protein Information****Name** CA9**Synonyms** G250, MN**Function**  
Catalyzes the interconversion between carbon dioxide and water and the dissociated ions of carbonic acid (i.e. bicarbonate and hydrogen ions).**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

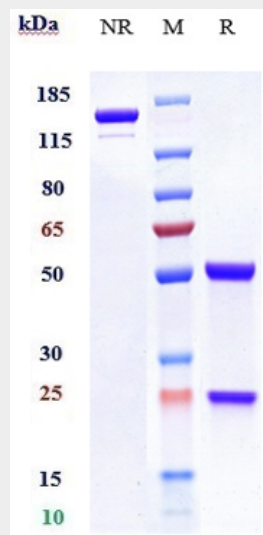
Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa

#### Anti-CA9 / CAIX Reference Antibody (girentuximab) - Protocols

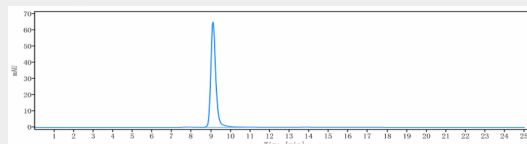
Provided below are standard protocols that you may find useful for product applications.

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

#### Anti-CA9 / CAIX Reference Antibody (girentuximab) - Images



Anti-CA9 / CAIX Reference Antibody (girentuximab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CA9 / CAIX Reference Antibody (girentuximab) is more than 100% ,determined by SEC-HPLC.