

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

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

Application	FC, E, FTA
Primary Accession	Q16790
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

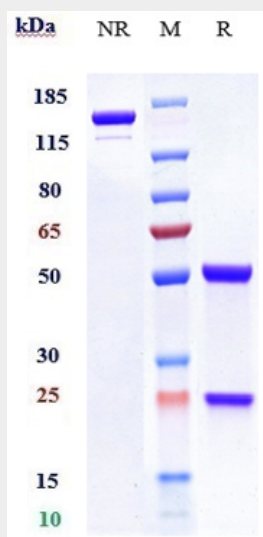
Expressed primarily in carcinoma cells lines. Expression is restricted to very few normal tissues and the most abundant expression is found in the epithelial cells of gastric mucosa

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

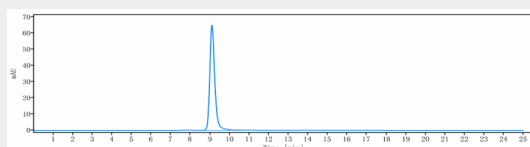
Provided below are standard protocols that you may find useful for product applications.

- [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.