

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

Recombinant Antibody Catalog # APR10795

Specification

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

Application FC, Kinetics, Animal Model

Primary Accession
Reactivity
Human
Clonality
Monoclonal
Isotype
Calculated MW
150 KDa

Anti-CA9 / CAIX Reference Antibody (girentuximab-MMAE) - Additional Information

Target/Specificity

CA9 / CAIX

Endotoxin

 $< 0.001 EU/\mu g$, 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.

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



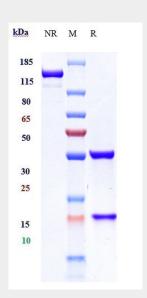
and the most abundant expression is found in the epithelial cells of gastric mucosa

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

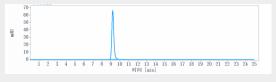
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

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



Anti-CA9 / CAIX Reference Antibody (girentuximab-MMAE) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CA9 / CAIX Reference Antibody (girentuximab-MMAE)is more than 95% ,determined by SEC-HPLC.