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Anti-CA9 / CAIX Reference Antibody (girentuximab)

Recombinant Antibody
Catalog # APR10744

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q16790
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	49698

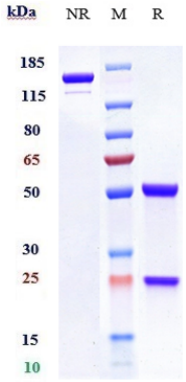
Additional Information

Target/Specificity	CA9 / CAIX
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

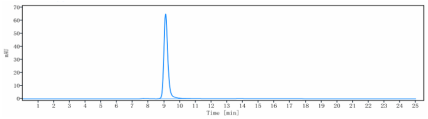
Protein Information

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

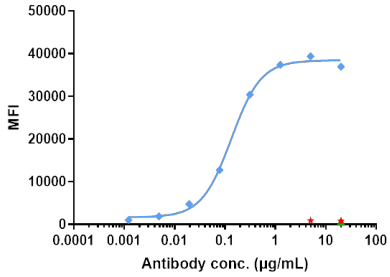
Images



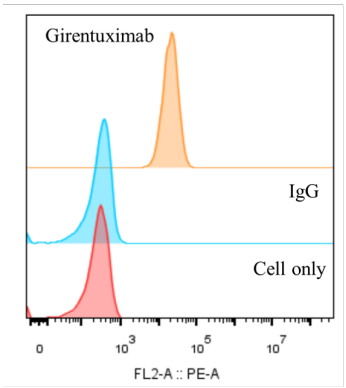
Anti-CA9 / CAIX Reference Antibody (girentuximab) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



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



U87-MG cells were stained with Anti-CA9 / CAIX Reference Antibody (girentuximab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50 is 0.13 ug/mL.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.