

Anti-Carbonic Anhydrase 9 Antibody

Catalog # AP95713

Product Information

Application	WB, FC
Primary Accession	Q16790
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	49698

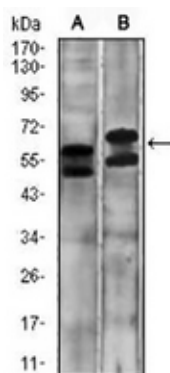
Additional Information

Gene ID	768
Other Names	G250; MN; CarbonIC, anhydrase 9; 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
Target/Specificity	Recombinant fusion protein of human Carbonic Anhydrase 9 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

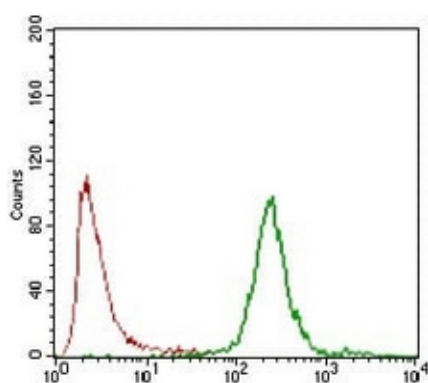
Protein Information

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



Western blot analysis of Carbonic Anhydrase 9 expression in A431 (A), SW620 (B) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50-60 kD)



Flow cytometric analysis of NTERA2 cells using Anti-Carbonic Anhydrase 9 Antibody (green) and negative control (red).

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