DATASHEET

Carbonic Anhydrase 9 Mouse Monoclonal Antibody(C2569)

CAT. NO. AMA02181

KEY FEATURES

Target	Carbonic Anhydrase 9	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Catalyzes the interconversion between carbon dioxide and water and the dissociated ions of carbonic acid (i.e. bicarbonate and hydrogen ions).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to Carbonic Anhydrase 9
Specificity	Recognizes endogenous levels of Carbonic Anhydrase 9 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Carbonic Anhydrase 9 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 50 kD; Observed: 50-60 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	CA9
Entrez Gene	768(Human)
SwissProt	Q16790(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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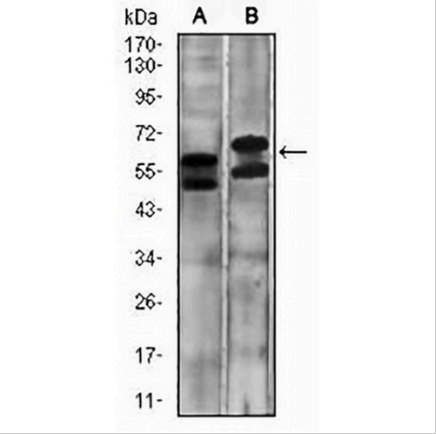
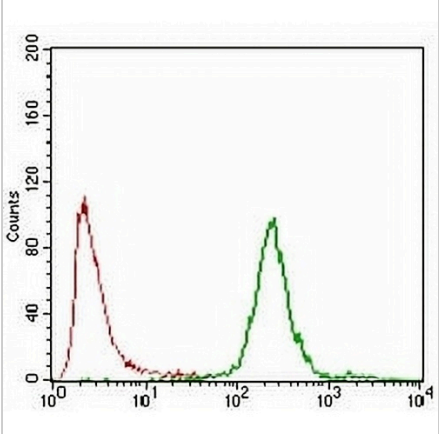


Western blot analysis of Carbonic Anhydrase 9 expression in A431 (A), SW620 (B) whole cell lysates. (Predicted band size: 50 kD; Observed band size: 50-60 kD kD)



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

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.