abcam

ab181464

Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	Preservative: 0.05% Sodium azide Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Fragment Protein within Human CA9 aa 1-200. The exact immunogen used to generate this antibody is proprietary information. Database link Q16790
Clone number	10F7A8
Purification technique	Affinity purification Protein G
Purification notes	Purified from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/200 - 1/400
Notes	ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Not recommended

Species	Transfected cell lysate - Human
Dilution info	-
Notes	-

WB

Tested

Species	Transfected cell lysate - Human
Dilution info	1/500 - 1/2000
Notes	-

Species	Human
Dilution info	1/500 - 1/2000
Notes	-

Target data

See full target information CA9

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

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

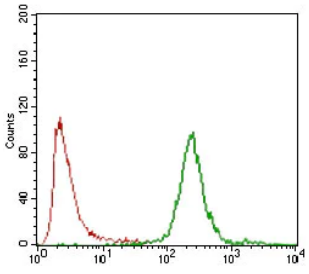
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

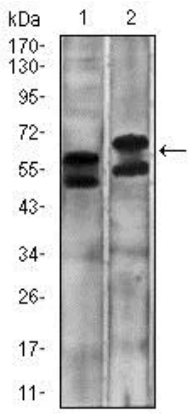
4 product images



Flow Cytometry - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464)

Carbonic Anhydrase 9/CA9 Flow Cytometry staining using mouse Anti-Carbonic Anhydrase 9/CA9 antibody

Flow cytometric analysis of NTERA2 cells labeling Carbonic Anhydrase 9/CA9 with ab181464 at 1/200 dilution (green) and negative control (red).



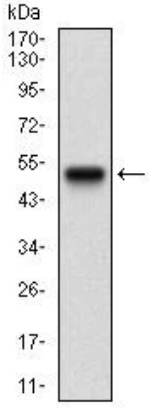
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464)

All lanes:
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464) at 1/500 dilution

Lane 1:
A431 cell line lysate

Lane 2:
SW620 cell line lysate

Predicted band size: 49 kDa

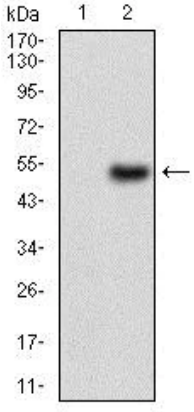


Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464)

All lanes:
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464) at 1/500 dilution

All lanes:
Carbonic Anhydrase 9/CA9 recombinant protein

Predicted band size: 49 kDa



Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464)

All lanes:
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [10F7A8] - N-terminal (ab181464) at 1/500 dilution

Lane 1:
HEK293 cell lysate.

Lane 2:
Carbonic Anhydrase 9/CA9 (Amino acids: 37-186)-hIgGFc transfected HEK293 cell lysate

Predicted band size: 49 kDa

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