abcam

ab107257

Anti-Carbonic Anhydrase 9/CA9 antibody [2D3]

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. The exact immunogen used to generate this antibody is proprietary information. Database link Q16790
Clone number	2D3
Purification technique	Affinity purification Protein G
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Purified from tissue culture supernatant.

Reactivity data

Flow Cyt

Tested

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

WB

Tested

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

IHC-P

Tested

Species	Human
Dilution info	1/200 - 1/1000
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

Notes

This product was changed from ascites to supernatant. Lot no's high than GR311638-1 are from Tissue Culture Supernatant

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

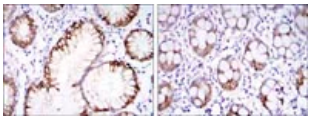
We do not recommend this combination. It is not covered by our product promise.

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.

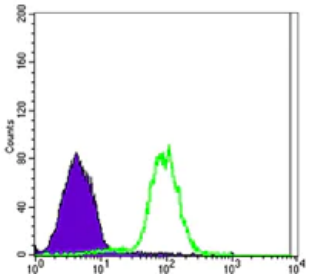
3 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)

Carbonic Anhydrase 9/CA9 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-Carbonic Anhydrase 9/CA9 antibody

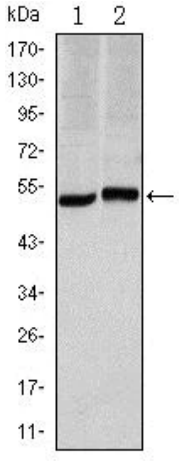
Immunohistochemical analysis of paraffin-embedded lung tissues (left) and colonic tissues (right) using 1/200 ab107257 with DAB staining.



Flow Cytometry - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)

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

Flow cytometric analysis of NTERA-2 cells using Carbonic Anhydrase 9/CA9 mouse ab107257 in green and negative control in purple.



Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257)

All lanes:
Western blot - Anti-Carbonic Anhydrase 9/CA9 antibody [2D3] (ab107257) at 1/500 dilution

Lane 1:
Hela Cell lysate

Lane 2:
A549 Cell Lysate

Predicted band size: 49 kDa

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