abcam

ab249658

Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	EPR8760(2)
Purification technique	Affinity purification
Concentration	1.004 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	-

Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

IP

Not recommended

Species	Human, Mouse, Rat
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information SRGAP1

Function	GTPase-activating protein for RhoA and Cdc42 small GTPases. Together with CDC42 seems to be involved in the pathway mediating the repulsive signaling of Robo and Slit proteins in neuronal migration. SLIT2, probably through interaction with ROBO1, increases the interaction of SRGAP1 with ROBO1 and inactivates CDC42.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Storage information	Do Not Freeze

Notes

ab249658 is the carrier-free version of ab171938.

Patented technology

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Conjugation ready

Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with 1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Compatibility

This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

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

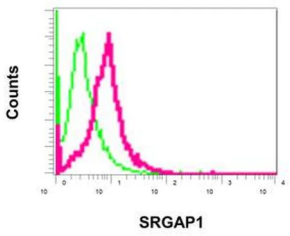
We do not recommend this combination. It is not covered by our product promise.

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.

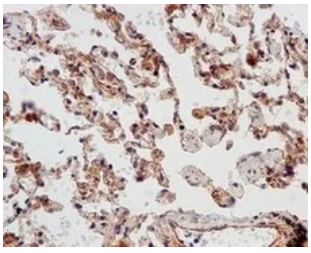
5 product images



Flow Cytometry (Intracellular) - Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free (ab249658)

SRGAP1 Flow Cytometry (Intracellular) staining using rabbit Anti-SRGAP1 antibody

This data was developed using ab171938, the same antibody clone in a different buffer formulation.
Intracellular flow cytometric analysis of permeabilized 293T cells labeling SRGAP1 with ab171938 at 1/100 (red) or a rabbit IgG (negative) (green).

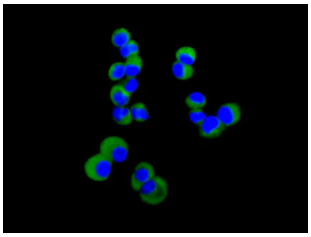


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free (ab249658)

SRGAP1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SRGAP1 antibody

This data was developed using ab171938, the same antibody clone in a different buffer formulation.
Immunohistochemical analysis of paraffin embedded Human lung tissue labeling SRGAP1 with ab171938 at 1/100 dilution.

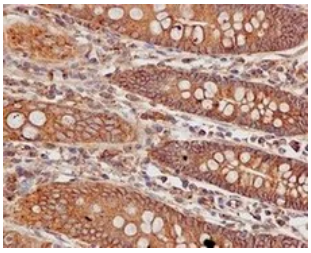
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free (ab249658)

SRGAP1 Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-SRGAP1 antibody

This data was developed using ab171938, the same antibody clone in a different buffer formulation.
Immunofluorescent analysis of A549 cells labeling SRGAP1 with ab171938 at 1/100 (green). DAPI nuclear staining (blue).

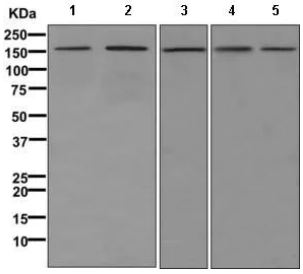


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free (ab249658)

SRGAP1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SRGAP1 antibody

This data was developed using ab171938, the same antibody clone in a different buffer formulation.
Immunohistochemical analysis of paraffin embedded Human colon tissue labeling SRGAP1 with ab171938 at 1/100 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-SRGAP1 antibody [EPR8760(2)] - BSA and Azide free (ab249658)

This data was developed using ab171938, the same antibody clone in a different buffer formulation.
All lanes:
Western blot - Anti-SRGAP1 antibody [EPR8760(2)] (ab171938) at 1/1000 dilution

Lane 1:
Human fetal brain tissue lysate at 10 µg

Lane 2:
293T cell lysate at 10 µg

Lane 3:
A549 cell lysate at 10 µg

Lane 4:
Human fetal lung tissue lysate at 10 µg

Lane 5:
Human fetal kidney tissue lysate at 10 µg

Developed using the ECL technique.

Predicted band size: 124 kDa

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