abcam

ab169524

Anti-Stomatin antibody [EPR10420]

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR10420
Purification technique	Affinity purification Protein A
Concentration	0.22 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human
Dilution info	1/1000 - 1/5000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/100 - 1/250
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/10 - 1/100
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

IHC-P

Not recommended

Species	Human
Dilution info	-
Notes	-

Target data

See full target information STOM

Function	Regulates ion channel activity and transmembrane ion transport. Regulates ASIC2 and ASIC3 channel activity.

Storage

Shipped at conditions	Conditional Ambient
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

Species reactivity
Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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.

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

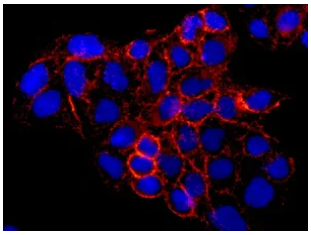
We do not recommend this combination. It is not covered by our product promise.

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.

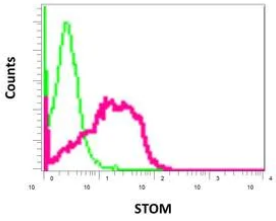
4 product images



Immunocytochemistry/ Immunofluorescence - Anti-Stomatin antibody [EPR10420] (ab169524)

Stomatin Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Stomatin antibody

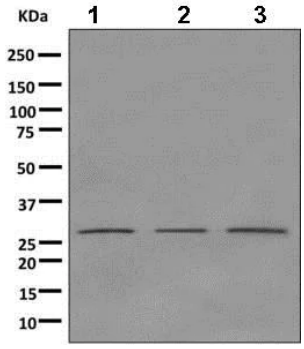
Immunofluorescent analysis of HeLa cells labeling Stomatin with ab169524 at 1/100 dilution. DAPI nuclear staining (blue).



Flow Cytometry (Intracellular) - Anti-Stomatin antibody [EPR10420] (ab169524)

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

Intracellular flow cytometric analysis of permeabilized HeLa cells labeling Stomatin with ab169524 at 1/10 dilution (red) compared to a rabbit IgG negative control (green).



Western blot - Anti-Stomatin antibody [EPR10420] (ab169524)

All lanes:
Western blot - Anti-Stomatin antibody [EPR10420] (ab169524) at 1/1000 dilution

Lane 1:
Human fetal heart tissue lysate at 10 µg

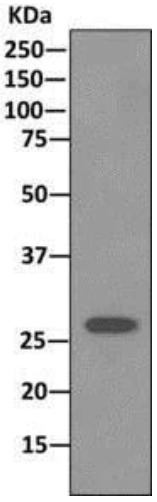
Lane 2:
HeLa cell lysate at 10 µg

Lane 3:
HepG2 cell lysate at 10 µg

Secondary

All lanes:
HRP labeled goat anti-rabbit at 1/2000 dilution

Predicted band size: 32 kDa



Western blot - Anti-Stomatin antibody [EPR10420] (ab169524)

All lanes:
Western blot - Anti-Stomatin antibody [EPR10420] (ab169524) at 1/1000 dilution

All lanes:
immunoprecipitation pellet from HepG2 cell lysate

Secondary

All lanes:
HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG

Predicted band size: 32 kDa

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