abcam

ab200657

Anti-Cellubrevin antibody [EPR16866]

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	EPR16866
Purification technique	Affinity purification Protein A
Concentration	0.267 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IP

Tested

Species	Human
Dilution info	1/30
Notes	-

WB

Tested

Species	Human
Dilution info	1/2000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/500
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/60
Notes	-

Target data

See full target information VAMP3

Function	SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.

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
Storage information	Avoid freeze / thaw cycle

Notes

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

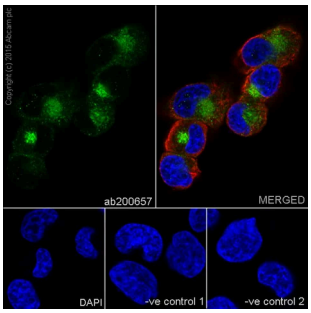
We do not recommend this combination. It is not covered by our product promise.

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.

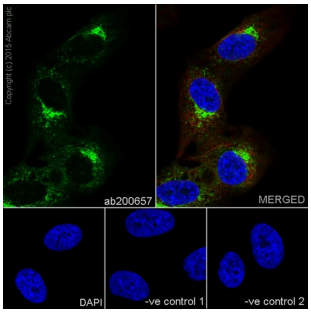
7 product images



Immunocytochemistry/ Immunofluorescence - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Cellubrevin antibody

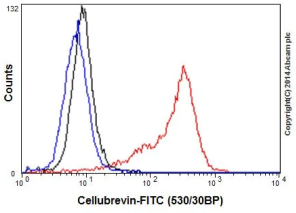
Immunofluorescent analysis of 4% paraformaldehyde-fixed 0.1% Triton X-100 permeabilized A-375 (Human malignant melanoma cell line) cells labeling Cellubrevin with ab200657 at 1/250 dilution followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (ab150077) secondary antibody at 1/1000 dilution (green). Cytoplasm staining on A-375 cell line is observed. The nuclear counter stain is DAPI (blue). Tubulin is detected with ab7291 (anti-Tubulin mouse mAb) at 1/1000 dilution and ab150120 (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution (red).
The negative controls are as follows:
-ve control 1: ab200657 at 1/250 dilution followed by ab150120 (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution.
-ve control 2: ab7291 (anti-Tubulin mouse mAb) at 1/1000 dilution followed by ab150077 (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Cellubrevin antibody

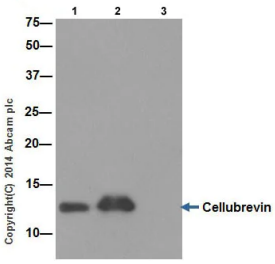
Immunofluorescent analysis of 4% paraformaldehyde-fixed 0.1% Triton X-100 permeabilized A549 (Human lung carcinoma cell line) cells labeling Cellubrevin with ab200657 at 1/250 dilution followed by Goat anti-rabbit IgG (Alexa Fluor® 488) (ab150077) secondary antibody at 1/1000 dilution (green). Cytoplasm staining on A549 cell line is observed. The nuclear counter stain is DAPI (blue). Tubulin is detected with ab7291 (anti-Tubulin mouse mAb) at 1/1000 dilution and ab150120 (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution (red).
The negative controls are as follows:
-ve control 1: ab200657 at 1/250 dilution followed by ab150120 (AlexaFluor®594 Goat anti-Mouse secondary) at 1/1000 dilution.
-ve control 2: ab7291 (anti-Tubulin mouse mAb) at 1/1000 dilution followed by ab150077 (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/1000 dilution.



Flow Cytometry (Intracellular) - Anti-Cellubrevin antibody [EPR16866] (ab200657)

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

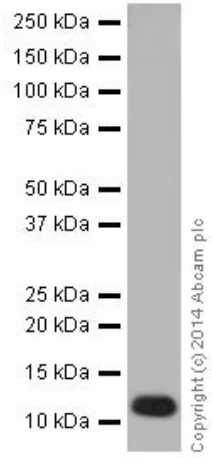
Intracellular flow cytometric analysis of 2% paraformaldehyde-fixedA-375 (Human malignant melanoma cell line) cells labeling Cellubrevin with ab200657 at 1/60 dilution (red) compared with a rabbit monoclonal IgG isotype control (ab172730; black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin was immunoprecipitated from 1mg of A-375 (Human malignant melanoma cell line) whole cell lysate with ab200657 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab200657 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution.
Lane 1: A-375 whole cell lysate 10µg (Input).
Lane 2: ab200657 IP in A-375 whole cell lysate.
Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab200657 in A-375 whole cell lysate.
Blocking and dilution buffer and concentration: 5% NFDM/TBST.
Exposure time: 5 seconds.
All lanes:
Immunoprecipitation - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Predicted band size: 11 kDa



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin Western blot staining of Human fetal lung lysate using rabbit Anti-Cellubrevin antibody

Blocking/Dilution buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/2000 dilution

All lanes:
Human fetal lung lysate at 20 µg

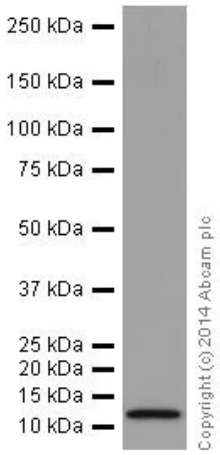
Secondary

All lanes:
Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Exposure time: 30s



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin Western blot staining of A-375 (Human malignant melanoma cell line) whole cell lysate using rabbit Anti-Cellubrevin antibody

Blocking/Dilution buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/10000 dilution

All lanes:
A-375 (Human malignant melanoma cell line) whole cell lysate at 10 µg

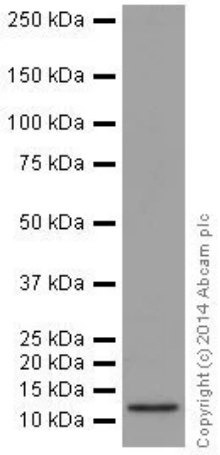
Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Exposure time: 5s



Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657)

Cellubrevin Western blot staining of Human placenta tissue lysate using rabbit Anti-Cellubrevin antibody

Blocking/Dilution buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-Cellubrevin antibody [EPR16866] (ab200657) at 1/10000 dilution

All lanes:
Human placenta tissue lysate at 10 µg

Secondary

All lanes:
Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 11 kDa

Observed band size: 11 kDa

Exposure time: 5s

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