abcam

ab154193

Anti-Von Willebrand Factor antibody [EPSISR15]

Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193) is a rabbit monoclonal antibody detecting Von Willebrand Factor in **Western Blot, Flow Cytometry (Intra), ICC/IF**. Suitable for **Human**.

- Biophysical QC for unrivalled batch-batch consistency
- Over 10 publications

Recombinant | RabMAb | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	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	EPSISR15
Purification technique	Affinity purification Protein A
Concentration	1.34 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

WB

Tested

Species	Human

Dilution info	1/1000 - 1/10000
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	1/250 - 1/500
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/200
Notes	-

Target data

See full target information VWF

Function	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.

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

What is this antibody validated in?
Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193) is a rabbit recombinant monoclonal antibody and is validated for use in Western Blot (WB), Flow Cytometry (Intra), Immunocytochemistry/immunofluorescence (ICC/IF) in Human samples.

What is the molecular weight of Von Willebrand Factor?
Anti-Von Willebrand Factor [EPSISR15] (ab154193) specifically detects a band for Von Willebrand Factor (UniProt: P04275) at a molecular weight of 309kDa.

Trusted by the scientific community
Anti-Von Willebrand Factor [EPSISR15] (ab154193) was first used in a scientific publication in 2012 and has been cited over 10 times in peer-reviewed journals.

Other related products
We have a range of other formats of antibody clone [EPSISR15] also available for your convenience: ab154193, Alexa Fluor® 488 - ab195028, Alexa Fluor® 647 - ab195029, HRP - ab195030, Carrier free - ab232473, APC - ab310828, PE - ab310904, Alexa Fluor® 594 - ab311713, Alexa Fluor® 568 - ab312989, Alexa Fluor® 555 - ab313194

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.

Trial sizes available!
Test your antibody or perform pre-screening before committing to a larger quantity. Sold in 20µl. Discover our selection of trial-size 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

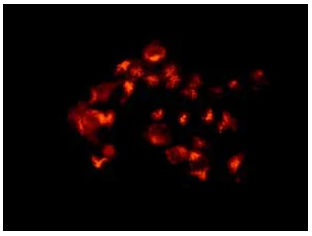
We do not recommend this combination. It is not covered by our product promise.

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.

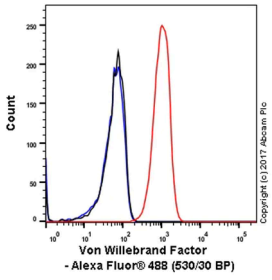
6 product images



Immunocytochemistry/ Immunofluorescence - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

Von Willebrand Factor Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Von Willebrand Factor antibody

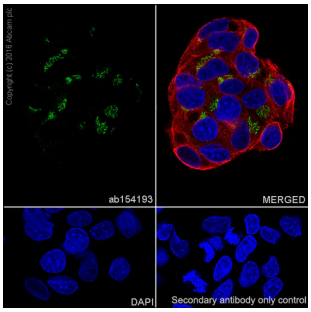
Immunofluorescent staining of HepG2 cells labeling Von-Willebrand-Factor with unpurified ab154193 at 1/250 dilution.



Flow Cytometry (Intracellular) - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

Von Willebrand Factor Flow Cytometry (Intracellular) staining using rabbit Anti-Von Willebrand Factor antibody

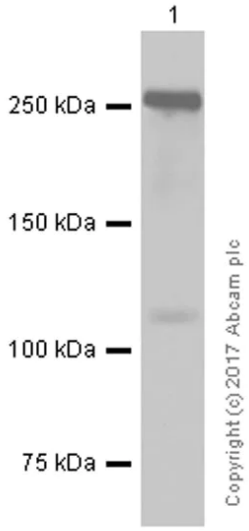
Intracellular Flow Cytometry analysis of HepG2 (Human hepatocellular carcinoma epithelial cell) cells labeling Von Willebrand Factor (red) with purified ab154193 at a 1/130 dilution (10ug/mL). Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti rabbit IgG (Alexa Fluor® 488) (ab150077) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG (Black) (ab172730). Blue (unlabeled control) - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunocytochemistry/ Immunofluorescence - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

Von Willebrand Factor Immunocytochemistry/ Immunofluorescence staining using rabbit Anti-Von Willebrand Factor antibody

Immunocytochemistry/ Immunofluorescence analysis of HepG2 (Human hepatocellular carcinoma epithelial cell) cells labeling Von Willebrand Factor with Purified ab154193 at 1:250 dilution. Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor ® 594) 1:200 (2.5 µg/ml). ab150077 Goat anti rabbit IgG(Alexa Fluor ® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

Von Willebrand Factor Western blot staining of Human plasma lysates using rabbit Anti-Von Willebrand Factor antibody

Blocking and diluting buffer: 5% NFDM/TBST.
All lanes:
Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193) at 1/1000 dilution

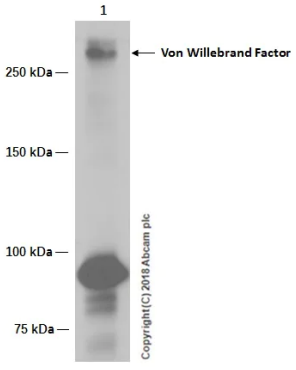
All lanes:
Human plasma lysates at 15 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 221 kDa, 309 kDa

Observed band size: 221 kDa, 309 kDa



Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

Von Willebrand Factor Western blot staining of HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysate using rabbit Anti-Von Willebrand Factor antibody

Blocking and diluting buffer: 5% NFDM/TBST

The expression profile observed is consistent with the literature (PMID:24769235) in which ab154193 was validated by knockdown assay in HepG2 cell line.
All lanes:
Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193) at 4 µg/mL

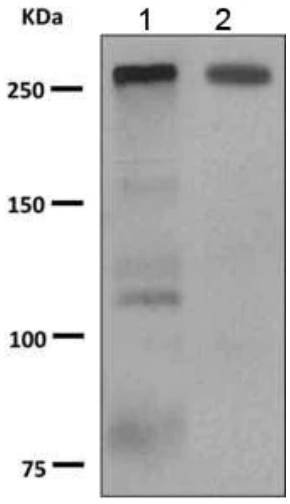
All lanes:
HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/20000 dilution

Predicted band size: 309 kDa

Exposure time: 30s



Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193)

All lanes:
Western blot - Anti-Von Willebrand Factor antibody [EPSISR15] (ab154193) at 1/1000 dilution

Lane 1:
Human serum at 10 µg

Lane 2:
Human plasma at 10 µg

Predicted band size: 309 kDa

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