abcam

ab328455

Anti-MVP antibody [1032]

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 Preservative: 0.02% Proclin 300 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	1032
Purification technique	Affinity purification Protein A
Specificity	This antibody is specific for the human major vault protein.

Reactivity data

ICC/IF

Tested

Species	Human
Dilution info	1/100
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	1/100
Notes	-

WB

Tested

Species	Human
Dilution info	0.1 µg/mL
Notes	-

Target data

See full target information MVP

Function	Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleo-cytoplasmic transport. Down-regulates IFNG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.

Storage

Shipped at conditions	Ambient - Can Ship with 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
Storage information	Avoid freeze / thaw cycle

Notes

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

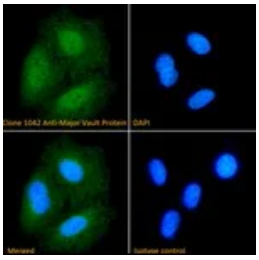
We do not recommend this combination. It is not covered by our product promise.

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.

2 product images

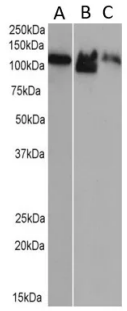


Immunocytochemistry/ Immunofluorescence - Anti-MVP antibody [1032] (ab328455)

MVP Immunocytochemistry/ Immunofluorescence staining of A549 cells using rabbit Anti-MVP antibody

Immunofluorescence analysis of ab328455 staining paraformaldehyde fixed A549 cells.
Primary antibody incubation 1hr (1:100 dilution) followed by Alexa Fluor® 488 secondary antibody

(1:1000 dilution), showing mainly nuclear and some cytoplasmic staining.
The nuclear stain is DAPI (blue).



Western blot - Anti-MVP antibody [1032] (ab328455)

MVP Western blot staining using rabbit Anti-MVP antibody

ab328455 staining major vault protein in cell lysates A549 (A), HeLa (B) and MCF7 (C).
Primary incubation was 1 hour.
Detected by chemiluminescence.

All lanes:
Western blot - Anti-MVP antibody [1032] (ab328455) at 0.1 µg/mL

Lane 1:
A549 cell lysates at 35 µg

Lane 2:
HeLa cell lysates at 35 µg

Lane 3:
MCF7 cell lysates at 35 µg

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