

Datasheet for ABIN5708257

anti-MVP antibody

7 Images

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Overview

Quantity:	100 µg
Target:	MVP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A recombinant human protein corresponding to amino acids A2-H259 was used as the immunogen for the MVP antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	MVP
Alternative Name:	MVP (MVP Products)
Background:	Major vault protein is a protein that in humans is encoded by the MVP gene. This gene encodes the major component of the vault complex. Vaults are multi-subunit ribonucleoprotein structures that may be involved in nucleo-cytoplasmic transport. The encoded protein may play a role in multiple cellular processes by regulating the MAP kinase, JAK/STAT and

Target Details

phosphoinositide 3-kinase/Akt signaling pathways. The encoded protein also plays a role in multidrug resistance, and expression of this gene may be a prognostic marker for several types of cancer. Alternatively spliced transcript variants have been observed for this gene.

UniProt: [Q14764](#)

Application Details

Application Notes: Optimal dilution of the MVP antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL, FACS: 1-3 µg/10⁶ cells, Direct ELISA: 0.1-0.5 µg/mL

Restrictions: For Research Use only

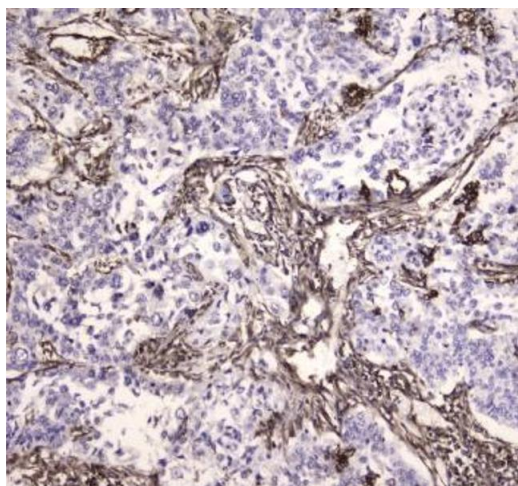
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

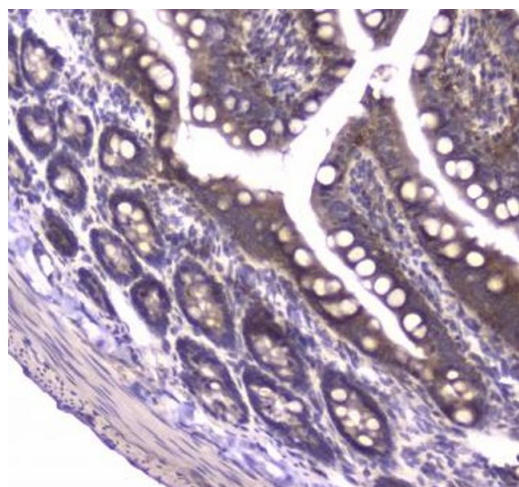
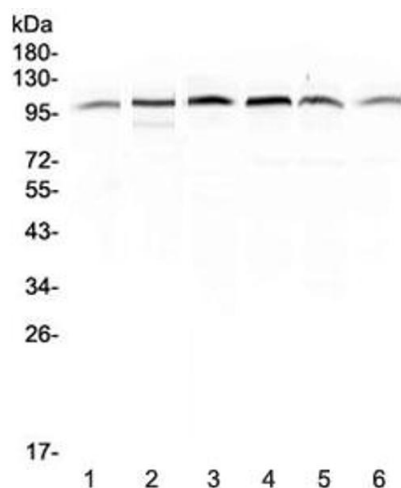
Storage Comment: After reconstitution, the MVP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Immunohistochemistry

Image 1. IHC testing of FFPE human lung cancer tissue with MVP antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western Blotting

Image 2. Western blot testing of human 1) placenta, 2) HepG2, 3) A549, 4) PANC-1, 5) SGC-7901 and 6) MDA-MB-231 lysate with MVP antibody at 0.5ug/ml. Observed molecular weight: 104~110 kDa.

Immunohistochemistry

Image 3. IHC testing of FFPE rat small intestine tissue with MVP antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN5708257.