

Datasheet for ABIN671586
anti-MVP antibody (AA 88-180)

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Overview

Quantity:	100 µL
Target:	MVP
Binding Specificity:	AA 88-180
Reactivity:	Human, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MVP antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human LRP
Isotype:	IgG
Cross-Reactivity:	Human, Zebrafish (Danio rerio)
Cross-Reactivity (Details):	Zebrafish
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	MVP
Alternative Name:	LRP (MVP Products)
Background:	Synonyms: LRP, VAULT1, Major vault protein, MVP, Lung resistance-related protein Background: 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 INFG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.
Gene ID:	9961
UniProt:	Q14764

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

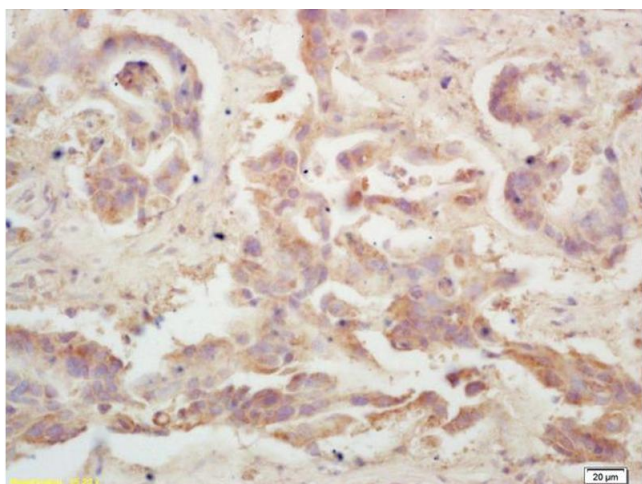
Publications

Product cited in: Peng, Feng, Yuan, Benhabbour, Mumper: "Development of a novel orthotopic non-small cell lung cancer model and therapeutic benefit of 2'-(2-bromohexadecanoyl)-docetaxel conjugate nanoparticles." in: **Nanomedicine : nanotechnology, biology, and medicine**, Vol. 10, Issue 7, pp. 1497-506, (2014) ([PubMed](#)).

Pan, Lin, Ma, Shen, Schachner: "Major vault protein promotes locomotor recovery and regeneration after spinal cord injury in adult zebrafish." in: **The European journal of neuroscience**, Vol. 37, Issue 2, pp. 203-11, (2013) ([PubMed](#)).

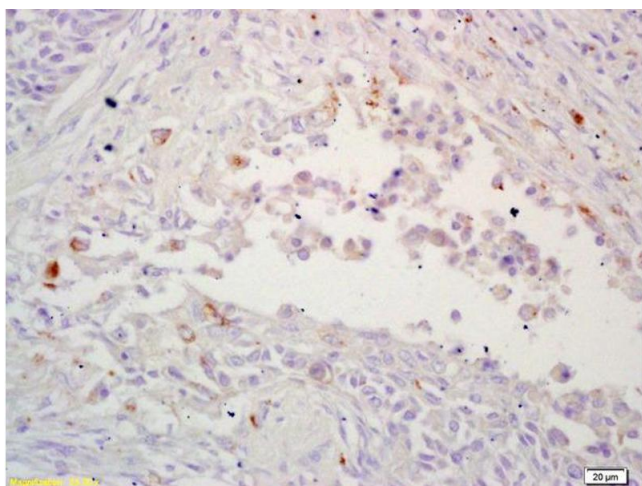
Hu, Peng, Li: "The expression and significance of P-glycoprotein, lung resistance protein and multidrug resistance-associated protein in gastric cancer." in: **Journal of experimental & clinical cancer research : CR**, Vol. 28, pp. 144, (2009) ([PubMed](#)).

Images



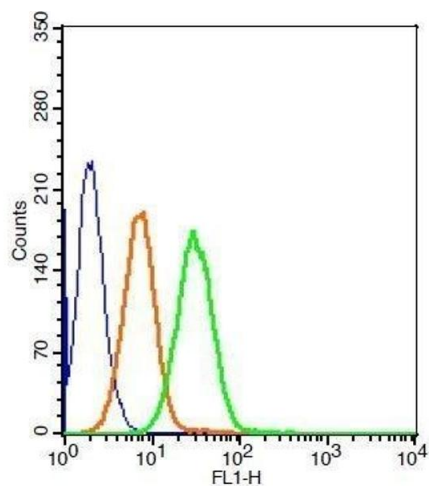
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Rabbit Anti LRP/MVP Polyclonal Antibody, Unconjugated (ABIN671586) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti LRP/MVP Polyclonal Antibody, Unconjugated (ABIN671586) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 3. Human HepG2 cells probed with Rabbit Anti-LRP Polyclonal Antibody