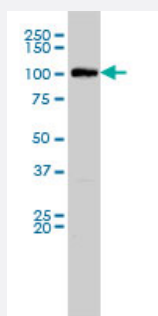


MVP monoclonal antibody (M01), clone 2H3-1A6

Catalog # H00009961-M01

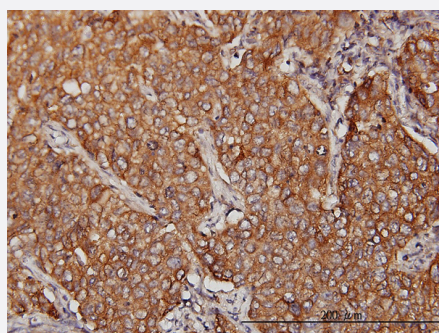
Size 100 ug

Applications



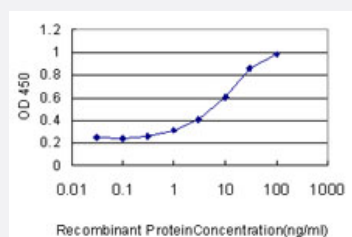
Western Blot (Cell lysate)

MVP monoclonal antibody (M01), clone 2H3-1A6 Western Blot analysis of MVP expression in HeLa S3 NE (Cat # L013V3).



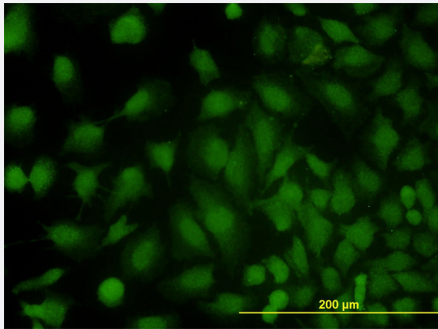
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MVP on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. [antibody concentration 3 ug/ml]



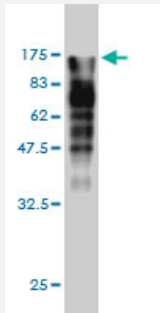
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MVP is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MVP on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (123.97 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant MVP.
Immunogen	MVP (AAH15623, 1 a.a. ~ 893 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATEEFIIIRIPPYHYIHVLDQNSNVSERVEVGPKTYIRQDNERVLFAPMRMVTVPPRHYCTVANPVSR DAQGLVLFDTVGTQVRLRHADLEIRLAQDPFPLYPGEVLEKDITPLQVVLNPNTALHLKALLDFEDKD GDKVVAGDEWLFEGPGTYIPRKEVEVVEIIQATIIIRQNQALRLRARKECWDRDGKERVTGEEWLV TTVGAYLPAVFEEVLDLVDVILTEKTALHLRARRNFRDFRGVSRTGEEWLVTVQDTEAHVPDV HEEVLGVVPITTLGPHNYCVILDPVGPDKGNQLGQKRVVKGEKSFFLQPGEQLEQGIQDVVYLSE QQGLLLRALQPLEEGEDEEKVSHQAGDHWLIRGPLEYVPSAKVEVVEERQAIPLDENEGIYQDV KTGKVRVIGSTYMLTQDEVLWEKELPPGVEELLNKGQDPLADRGEKDTAKSLQPLAPRNKTRV VSYRVPHNAAVQVYDYREKRARVVFGEPLVSLGPEEQFTVLSLSAGRPKRPHARRALCLLLGPD FFTDVITETADHARLQLQLAYNWHFEVNDRKDPQETAKLFSVPDFVGDACKAIASRVRGAVASV TFDDFHKNSARIIRTAVFGFETSEAKGPDGMALPRPRDQAVFPQNGLVSSVDVQSVEPVDQRT RDALQRSVQLAIEITTNSQEAAAKHEAQRLEQEARGRLERQKILDQSEAEKARKELLELEALSMAV ESTGTAKAEAESRAEAARIEGEGSVLQAKLKAQALAIETAEALQRVQKVRELELVYARAQLELEV SKAQQLAEEVEVKKFKQMTAIGPSTIRDLAVAGPEMQVKLLQSLGLKSTLITDGSTPINLFNTAFGL LGMGPEGQPLGRRVASGSPGEGISPSAQAPQAPGDNHVPVLR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91)

Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (123.97 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MVP monoclonal antibody (M01), clone 2H3-1A6 Western Blot analysis of MVP expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

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- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MVP on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MVP

Entrez GeneID	9961
GeneBank Accession#	BC015623
Protein Accession#	AAH15623

Gene Name	MVP
Gene Alias	LRP, VAULT1
Gene Description	major vault protein
Omim ID	605088
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the major vault protein which is a lung resistance-related protein. Vaults are multi-subunit structures that may be involved in nucleo-cytoplasmic transport. This protein mediates drug resistance, perhaps via a transport process. It is widely distributed in normal tissues, and overexpressed in multidrug-resistant cancer cells. The protein overexpression is a potentially useful marker of clinical drug resistance. This gene produces two transcripts by using two alternative exon 2 sequences; however, the open reading frames are the same in both transcripts. [provided by RefSeq]
Other Designations	-

Publication Reference

- [p16, Cyclin D1, and HIF-1 \$\alpha\$ Predict Outcomes of Patients with Oropharyngeal Squamous Cell Carcinoma Treated with Definitive Intensity-Modulated Radiation Therapy.](#)

Rahimi AS, Wilson DD, Saylor DK, Stelow EB, Thomas CY, Reibel JF, Levine PA, Shonka DC, Jameson MJ, Read PW. International Journal of Otolaryngology 2012 Jul; 2012:685951.

Application: IHC-P, Human, Human oropharyngeal squamous cell carcinoma