

Rat PLVAP Monoclonal Antibody | anti-PLVAP antibody

RAT ANTI MOUSE PLVAP

CATALOG # AAA49532	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

PLVAP; Monoclonal Antibody; RAT ANTI MOUSE PLVAP; anti-PLVAP antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	MECA-32
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	438
Applicable Applications for anti-PLVAP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Fusion Partners	Spleen cells from immunised rat were fused with cells of the Sp2/0 myeloma cell line. Buffer Solution
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-PLVAP antibody	Rat anti Mouse PLVAP antibody, clone MECA-32 recognizes murine plasmalemma vesicle-associated protein (PLVAP), a 60kD protein which is otherwise known as MECA-32 and PV-1. PLVAP is a transmembrane homodimer which is associated with endothelial cell caveolae and fenestrae. In adult and embryonic mice, PLVAP is primarily expressed on endothelial tissues but shows restricted distribution in the skeletal, cardiac and brain tissues. In embryonic mice, PLVAP expression, on the vasculature associated with blood brain barrier has been reported to be developmentally regulated. In humans, PLVAP is selectively up-regulated in a variety of high-grade brain tumors, including glioblastoma and metastatic carcinoma, as well as other cerebral disorders associated with blood-brain barrier disruption, such as acute ischemia. PLVAP represents a novel marker of brain tumour angiogenesis and integrity of the blood-brain barrier and is a potential therapeutic target.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255522953
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NCBI GeneID	84094
NCBI Accession #	NP_115774.2
NCBI GenBank Nucleotide #	NM_032398.2
UniProt Accession #	Q91VC4 ; Q99JB1
Molecular Weight	49,933 Da
NCBI Official Full Name	plasmalemma vesicle-associated protein
NCBI Official Synonym Full Names	plasmalemma vesicle associated protein
NCBI Official Symbol	Plvap
NCBI Official Synonym Symbols	Pv1; MECA32
NCBI Protein Information	plasmalemma vesicle-associated protein; MECA-32 antigen; plasmalemma vesicle protein 1
UniProt Protein Name	Plasmalemma vesicle-associated protein
UniProt Gene Name	Plvap
UniProt Synonym Gene Names	Pv1; PV-1
UniProt Entry Name	PLVAP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/plvap-antibody-clone-meca-32-flow-cytometry-immunohistochemistry-elisa/49532>