

Rat anti-Mouse LPAM-1 Monoclonal Antibody | anti-LPAM-1 antibody

Anti-Ms LPAM-1 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128498	Rat	Mouse	Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

LPAM-1; Monoclonal Antibody; Anti-Ms LPAM-1 Purified; Integrin alpha 4 beta 7; CD49d/Ly69; anti-LPAM-1 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	DATK32
Specificity	The rat monoclonal antibody DATK32 recognizes an extracellular epitope of integrin alpha 4 (CD49d) and integrin beta7 (Ly69) components of mouse LPAM-1 complex, which is expressed on the majority of peripheral lymphocytes, as well as on subsets of thymocytes and bone marrow cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	60
Applicable Applications for anti-LPAM-1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	TK1 cells
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-LPAM-1 antibody	Integrin alpha 4 / beta 7 (CD49d / Ly69), also known as LPAM-1 (Lymphocyte Peyer's patch adhesion molecule 1), is a heterodimeric (150 kDa / 130 kDa) integrin complex which mediates lymphocyte homing to Peyer's patch high endothelial venules and to the intestinal lamina propria. It is expressed primarily on mucosal lymphocytes, but is also present on NK cells and eosinophils. Ligands of LPAM-1 are MAdCAM-1, VCAM-1, and fibronectin, but the alpha 4 subunit (CD49d) can mediate also homotypic adhesion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	383800116
NCBI Official Full Name	LPAM_1 outer membrane lipoprotein

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.