

Rabbit anti-Human LPAM-1 Polyclonal Antibody | anti-LPAM-1 antibody

LPAM-1(Integrin alpha4, CD49d) Antibody

CATALOG # AAA306648	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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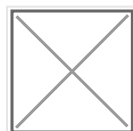
PRODUCT SYNONYMS

LPAM-1; Polyclonal Antibody; LPAM-1(Integrin alpha4; CD49d) Antibody; LPAM-1(Integrin a4; IA4; MGC90518; ITGA4; anti-LPAM-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total LPAM-1(Integrin a4, CD49d) protein.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1032
Applicable Applications for anti-LPAM-1 antibody	WB (Western Blot)
Immunogen Type/ Description	Peptide-KLH; Peptide sequence around aa.1024~1028(Y-I-N-S-K) derived from Human LPAM-1(Integrin a4, CD49d).
Target Name	LPAM-1(Integrin a4,CD49d)
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



WB (Western Blot)

Western blot analysis of extract from JK and Raji cells using LPAM-1(Integrin a4, CD49d) Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LPAM-1 antibody	Integrins a-4/beta-1 (VLA-4) and a-4/beta-7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin a-4/beta-1 recognizes the sequence Q-I-D-S in VCAM1. Integrin a-4/beta-7 is also a receptor for MADCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.
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Product Categories/Family for anti-LPAM-1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67191027
NCBI GeneID	3676
NCBI Accession #	NP_000876.3
NCBI GenBank Nucleotide #	NM_000885.4
UniProt Accession #	P13612; Q7Z4L6; D3DPG4; AAB25486
Molecular Weight	Predicted: 70 140 180kd
NCBI Official Full Name	integrin alpha-4
NCBI Official Synonym Full Names	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
NCBI Official Symbol	ITGA4
NCBI Official Synonym Symbols	IA4; CD49D
NCBI Protein Information	integrin alpha-4
UniProt Protein Name	Integrin alpha-4
UniProt Gene Name	ITGA4
UniProt Synonym Gene Names	CD49D
UniProt Entry Name	ITA4_HUMAN

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.