

LPAM-1(Integrin $\alpha 4$, CD49d) Antibody

Catalog No: #21616

Package Size: #21616-1 50ul #21616-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

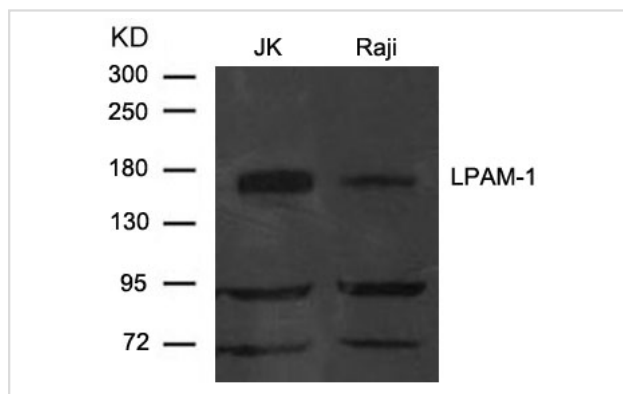
Product Name	LPAM-1(Integrin $\alpha 4$, CD49d) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total LPAM-1(Integrin $\alpha 4$, CD49d) protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.1024~1028(Y-I-N-S-K) derived from Human LPAM-1(Integrin $\alpha 4$, CD49d).
Target Name	LPAM-1(Integrin $\alpha 4$, CD49d)
Other Names	IA4; MGC90518; ITGA4
Accession No.	Swiss-Prot: P13612NCBI Protein: NP_000876.3
Uniprot	P13612
GeneID	3676;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at $-20^{\circ}C$ for long term preservation (recommended). Store at $4^{\circ}C$ for short term use.

Application Details

Predicted MW: 70 140 180kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from JK and Raji cells using LPAM-1(Integrin $\alpha 4$, CD49d) Antibody #21616

Background

Integrins α -4/ β -1 (VLA-4) and α -4/ β -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 α -4/ β -1 recognizes the sequence Q-I-D-S in VCAM1. Integrin α -4/ β -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.

Iida J., Meijne A.M.L., Oegema T.R. Jr. J. Biol. Chem. 273:5955-5962(1998)

Liu S., Thomas S.M., Woodside D.G., Rose D.M. Nature 402:676-681(1999)

Note: This product is for in vitro research use only