

35-1786: Polyclonal Antibody to LPAM-1(Integrin Alpha4, CD49d)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	ITGA4
Gene ID :	3676
Uniprot ID :	P13612
Format :	Purified
Alternative Name :	IA4, MGC90518, ITGA4
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.1024~1028(Y-I-N-S-K) derived from Human LPAM-1(Integrin α 4, CD49d).

Description

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.

Product Info

Amount :	50 μ l / 100 μ l
Content :	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 condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 70 140 180kd, Western blotting: 1:500~1:1000

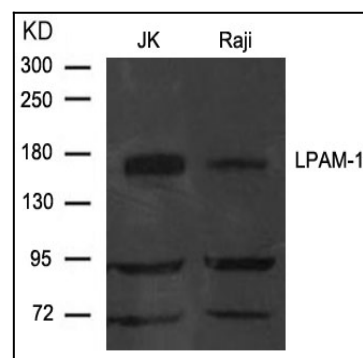


Figure 1: Western blot analysis of extract from JK and Raji cells using LPAM-1(Integrin α 4, CD49d) Antibody 35-1786