

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	ITGA4
<b>Gene ID :</b>	3676
<b>Uniprot ID :</b>	P13612
<b>Format :</b>	Purified
<b>Alternative Name :</b>	IA4, MGC90518, ITGA4
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.1024~1028(Y-I-N-S-K) derived from Human LPAM-1(Integrin a4, CD49d).

### Description

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.

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

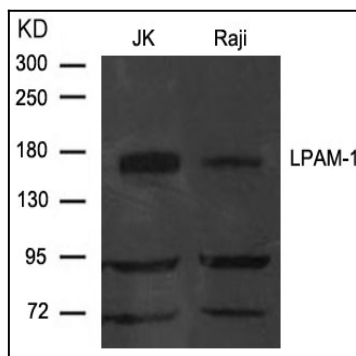


Figure 1: Western blot analysis of extract from JK and Raji cells using LPAM-1(Integrin a4, CD49d) Antibody 35-1786