

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

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| 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 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

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| Amount : | 50 µl / 100 µl |
| 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

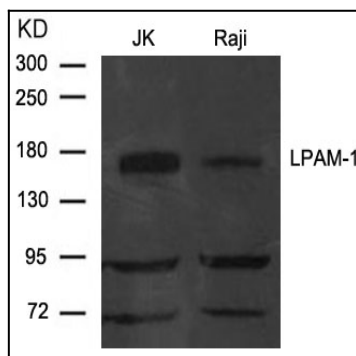


Figure 1: Western blot analysis of extract from JK and Raji cells using LPAM-1(Integrin a4, CD49d) Antibody 35-1786