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|--------------------------|---|
| <b>Cat. No:</b>          | MABN87636   |
| <b>Conjugate:</b>        | Unconjugated  |
| <b>Size:</b>             | 100µL   |
| <b>Clone:</b>            | Monoclonal  |
| <b>Concentration:</b>    | 1mg/ml  |
| <b>Host:</b>             | Rabbit  |
| <b>Isotype:</b>          | IgG   |
| <b>Immunogen:</b>        | Recombinant protein of mouse VCAM1  |
| <b>Reactivity:</b>       | Mouse   |
| <b>Applications:</b>     | WB 1:500-1:2000,IP 1:50-1:100   |
| <b>Molecular Weight:</b> | Calculated MW:81 kDa; Observed MW:100 kDa   |
| <b>Purification:</b>     | Affinity Purification   |
| <b>Synonyms:</b>         | CD106; Vcam-1   |
| <b>Background:</b>       | Important in cell-cell recognition. Appears to function in leukocyte-endothelial cell adhesion. Interacts with integrin alpha-4/beta-1 (ITGA4/ITGB1) on leukocytes, and mediates both adhesion and signal transduction. The VCAM1/ITGA4/ITGB1 interaction may play a pathophysiologic role both in immune responses and in leukocyte emigration to sites of inflammation. |
| <b>Form:</b>             | Liquid  |
| <b>Buffer:</b>           | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.  |

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