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| <b>Cat. No:</b>          | MABN03293  |
| <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>        | A synthetic peptide corresponding to target protein  |
| <b>Reactivity:</b>       | Human,Mouse,Rat  |
| <b>Applications:</b>     | WB 1:500-1:1000,ICC/IF 1:50-1:200  |
| <b>Molecular Weight:</b> | Calculated MW: 73 kDa; Observed MW: 73 kDa   |
| <b>Purification:</b>     | Affinity Purification  |
| <b>Synonyms:</b>         | RAF1; RAF; RAF proto-oncogene serine/threonine-protein kinase; Proto-oncogene c-RAF; cRaf; Raf-1   |
| <b>Background:</b>       | Raf-1 is a MAP kinase kinase kinase (MAP3K) which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated Raf-1 can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2 which in turn phosphorylate to activate the serine/threonine specific protein kinases ERK1 and ERK2. |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA  |
| <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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