Recombinant DGRmAb®

# Phospho-Raf1 (Ser259) (DGR13890) Rabbit mAb

**db12158** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Phospho-Raf1 (Ser259) (DGR13890) Rabbit mAb
**Cat.No.:** db12158
**Synonyms :** NS5; CRAF; Raf-1; c-Raf; CMD1NN
**Application :** WB
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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|---|---|
| **Background** | This gene is the cellular homolog of viral raf gene (v-raf). The encoded protein 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, the cellular RAF1 protein 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. Activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration. Mutations in this gene are associated with Noonan syndrome 5 and LEOPARD syndrome 2. [provided by RefSeq, Jul 2008] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Ser259 of human Raf1 |
| **Gene ID** | 5894 |
| **Swiss Prot** | P04049 |
| **Synonyms** | NS5; CRAF; Raf-1; c-Raf; CMD1NN |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB |
| **Recommended dilution** | WB: 1:1000-1:5000 |
| **Calculated MW** | 73 kDa |
| **Observed MW** | 73 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR13890 |

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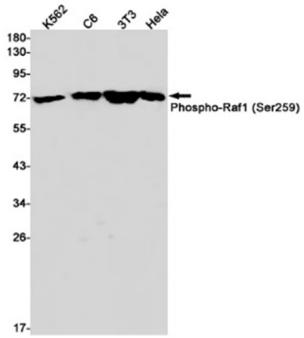
| **Isotype** | IgG |
| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |




Western blot detection of Phospho-Raf1 (Ser259) in K562,C6,3T3,Hela cell lysates using Phospho-Raf1 (Ser259) antibody(1:1000 diluted).

Western blot analysis of extracts from SW620 cells using db12158 at 1:1000.

