

Recombinant**DGRmAb®****Phospho-RAF1 (Ser43) (DGR35930) Rabbit mAb (PBS Only)****db11413-PBS****Package : 100µg****Product Name :** Phospho-RAF1 (Ser43) (DGR35930) Rabbit mAb (PBS Only)**Cat.No.:** db11413-PBS**Synonyms :** NS5; CRAF; Raf-1; c-Raf; CMD1NN**Application :** WB**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**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 Ser43 of human RAF1

Gene ID

5894, 110157, 24703

Swiss Prot

P04049, Q99N57, P11345

Synonyms

NS5; CRAF; Raf-1; c-Raf; CMD1NN

Reactivity

Human,Mouse,Rat

Application

WB

Calculated MW

73 kDa

Observed MW

73 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR35930

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.

A431Western blot analysis of extracts from A431 cells using [db11413](#)