

Recombinant

DGRmAb®

**Raf1 (DGR15751) Rabbit mAb (PBS Only)**

db12651-PBS

Package : 10µg 100µg

**Product Name** : Raf1 (DGR15751) Rabbit mAb (PBS Only)**Cat.No.:** db12651-PBS**Synonyms** : NS5; CRAF; Raf-1; c-Raf; CMD1NN**Application** : WB, ICC/IF, FC**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 peptide of human Raf1

**Gene ID**

5894

**Swiss Prot**

P04049

**Synonyms**

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

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC

**Calculated MW**

73 kDa

**Observed MW**

73 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

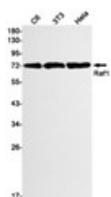
**Clonality No.**

DGR15751

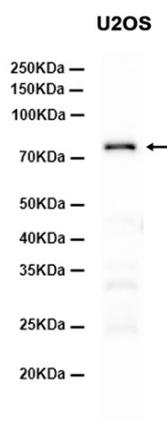
**Isotype**

IgG

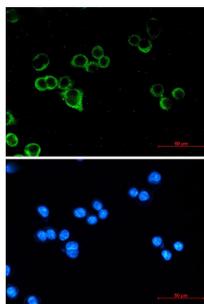
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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



Western blot analysis of extracts from U2OS cells using [db12651](#) at 1:1000.



Immunofluorescent analysis of MCF-7 cells using [db12651](#) antibody (green), and DAPI (blue).