Product Datasheet

# Raf1 (Phospho-Ser259) Rabbit mAb

Catalog No: #14228

Package Size: #14228-1 50ul #14228-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

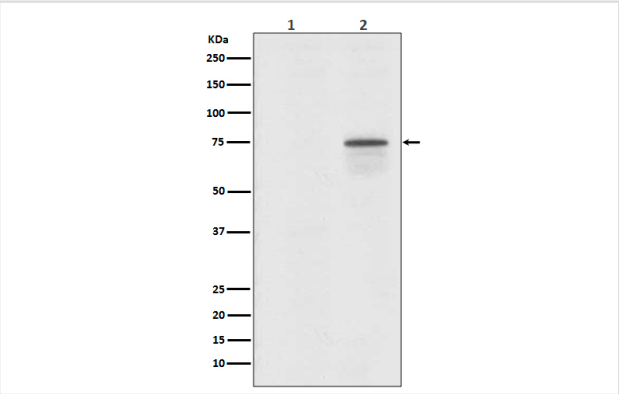
## Description

| | |
|---|---|
| Product Name | Raf1 (Phospho-Ser259) Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB IHC |
| Species Reactivity | Human;Mouse;Rat |
| Specificity | Phospho-Raf1 (S259) Antibody detects endogenous levels of total Phospho-Raf1 (S259) |
| Immunogen Description | A synthesized peptide derived from human Phospho-Raf1 (S259) |
| Conjugates | Unconjugated |
| Other Names | C-Raf; CRAF; Protein kinase raf 1; RAF1; Raf proto-oncogene serine/threonine-protein kinase; kinase Raf1; |
| Accession No. | Uniprot:P04049 |
| Calculated MW | 73kDa |
| Formulation | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Application Details

WB:1:500~1:1000IHC:1:50~1:100

## Images




Western blot analysis of Phospho-Raf1 (S259) expression in (1) 293T cell lysate; (2) 293T cell lysates treated with Okadaic Acid + Calyculin A.

## Product Description

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. 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.

## Published Papers

Liao Zhifang, Liu Xiao, Li Linxuan, Li Sikai, Xing Xingxing, Zheng Xiwen, Song Wenyu, Gui Pin, Liu Qi, Rong Guanghong, Shao Yiming, Zou Mingzhi, Liao Hongbo, Wu Xin el at., Mechanism of the Proprietary Chinese Medicine β JiuLiWanβ • to Treat Ulcerative Colitis Revealed by Network Pharmacology, Molecular Docking, and ExperimentalB β ¦, ACS omega, (2025)

PMID:40415848

Note: This product is for in vitro research use only and is not intended for use in humans or animals.