

For Research Use Only

RAF1 Recombinant antibody

Catalog Number: 84994-4-RR



Basic Information

Catalog Number: 84994-4-RR	GenBank Accession Number: BC018119	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5894	CloneNo.: 242540A2
Source: Rabbit	UNIPROT ID: P04049	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: v-raf-1 murine leukemia viral oncogene homolog 1	
Immunogen Catalog Number: AG25423	Calculated MW: 648 aa, 73 kDa	
	Observed MW: ~75 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HCT 116 cells, K-562 cells, HeLa cells, DU 145 cells, NIH/3T3 cells, PC-12 cells, RAW 264.7 cells IF/ICC : HeLa cells,

Background Information

Raf-1 proto-oncogene, serine/threonine kinase(RAF1), is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. RAF1 has two isoforms with MW of 73, 75 kDa. RAF1 plays an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration.

Storage

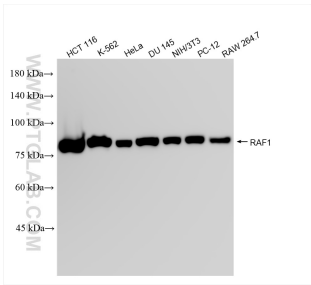
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

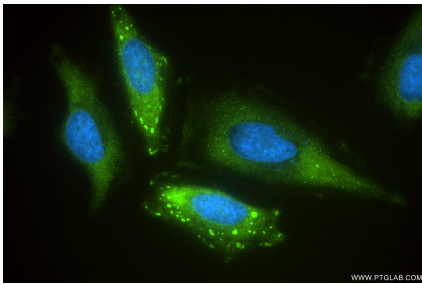
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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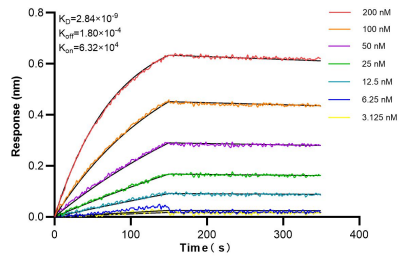
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84994-4-RR (RAF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RAF1 antibody (84994-4-RR, Clone: 242540A2) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84994-4-RR against Human RAF1 were performed. The affinity constant is 2.84 nM.