

For Research Use Only

RAF1 Recombinant antibody, PBS Only

Catalog Number: 84994-4-PBS



Basic Information

Catalog Number:

84994-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25423

GenBank Accession Number:

BC018119

GeneID (NCBI):

5894

UNIPROT ID:

P04049

Full Name:

v-raf-1 murine leukemia viral oncogene homolog 1

Calculated MW:

648 aa, 73 kDa

Observed MW:

~75 kDa

Purification Method:

Protein A purification

CloneNo.:

242540A2

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS Only

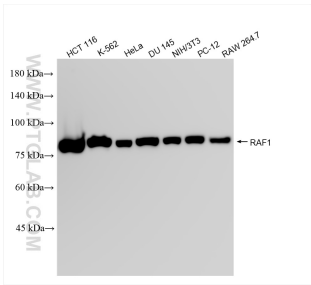
For technical support and original validation data for this product please contact:

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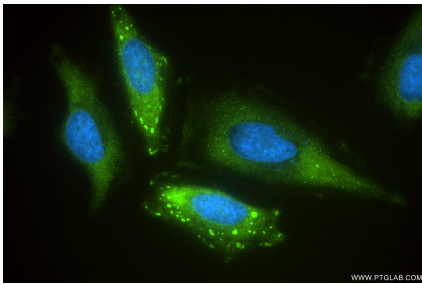
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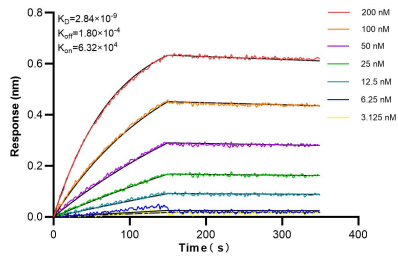
Selected Validation Data



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. This data was developed using the same antibody clone with 84994-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84994-4-PBS in a different storage buffer formulation.



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