

For Research Use Only

RAF1 Monoclonal antibody, PBS Only

Catalog Number: 66592-1-PBS

Featured Product



Basic Information

Catalog Number:

66592-1-PBS

Size:

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

Source:

Mouse

Isotype:

IgG2a

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:

70-75 kDa

Purification Method:

Protein A purification

CloneNo.:

1D6A1

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

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

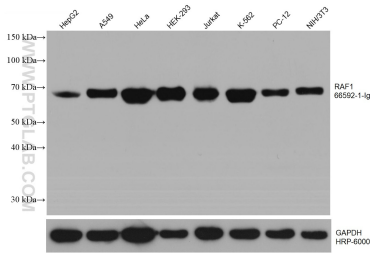
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

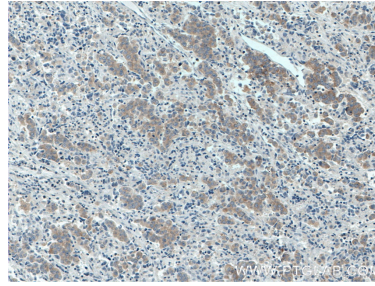
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

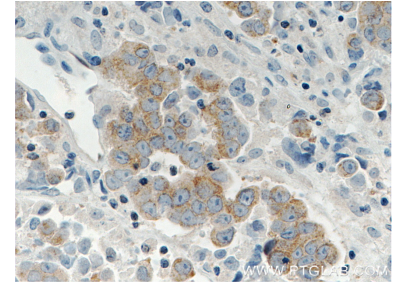
Selected Validation Data



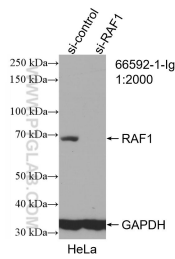
Various lysates were subjected to SDS PAGE followed by western blot with 66592-1-Ig (RAF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66592-1-PBS in a different storage buffer formulation.



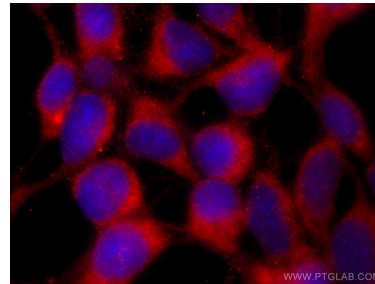
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66592-1-Ig (RAF1 antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66592-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 66592-1-Ig (RAF1 antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66592-1-PBS in a different storage buffer formulation.



WB result of RAF1 antibody (66592-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RAF1 transfected HEK-293 cells. This data was developed using the same antibody clone with 66592-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using RAF1 antibody (66592-1-Ig. Clone: 1D6A1) at dilution of 1:800 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 66592-1-PBS in a different storage buffer formulation.