

## RFC3 Monoclonal antibody, PBS Only

Catalog Number: 68290-1-PBS

## Basic Information

## Catalog Number:

68290-1-PBS

## Size:

1 mg/ml

## Source:

Mouse

## Isotype:

IgG1

## Immunogen Catalog Number:

AG28365

## GenBank Accession Number:

BC000149

## GeneID (NCBI):

5983

## UNIPROT ID:

P40938

## Full Name:

replication factor C (activator 1) 3,  
38kDa

## Calculated MW:

40 aa, 6 kDa

## Observed MW:

38 kDa

## Purification Method:

Protein G purification

## CloneNo.:

2G3A8

## Applications

## Tested Applications:

WB, Indirect ELISA

## Species Specificity:

Human, Mouse, Rat

## Background Information

RFC3, also known as RFC38, is a 356 amino acid protein, which localizes in the nucleus. Replication factor C (RFC) is a component of the eukaryotic DNA polymerase. In all eukaryotic cell cycles, it is essential for DNA duplication, DNA injury repair, and checkpoint control. RFC consists of five subunits (RFC1-5). The interrelationships between RFC2, RFC3, and the c-MYC oncogene (transcription factor) can induce cell division and proliferation. RFC3 is associated with liver, breast, esophageal and ovarian cancer, and serves a critical role in cellular proliferation, invasion, and metastasis. RFC3 exists in two isoforms with molecular weights of 34 kDa and 38-40 kDa.

## Storage

## Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

## Storage Buffer:

PBS Only

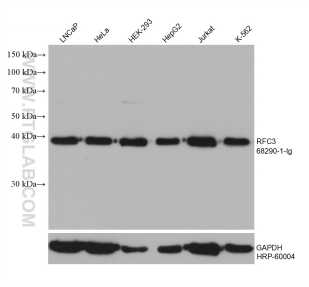
For technical support and original validation data for this product please contact:

T: 4006900926

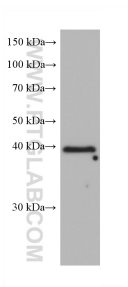
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

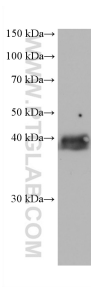
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68290-1-Ig (RFC3 antibody) at dilution of 1:10000 and 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 68290-1-PBS in a different storage buffer formulation.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 68290-1-Ig (RFC3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68290-1-PBS in a different storage buffer formulation.



HSC-T6 cells were subjected to SDS PAGE followed by western blot with 68290-1-Ig (RFC3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68290-1-PBS in a different storage buffer formulation.