

For Research Use Only

RFC3 Monoclonal antibody, PBS Only

Catalog Number: 68290-1-PBS



Basic Information

Catalog Number: 68290-1-PBS	GenBank Accession Number: BC000149	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5983	CloneNo.: 2G3A8
Source: Mouse	UNIPROT ID: P40938	
Isotype: IgG1	Full Name: replication factor C (activator 1) 3, 38kDa	
Immunogen Catalog Number: AG28365	Calculated MW: 40 aa, 6 kDa	
	Observed MW: 38 kDa	

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

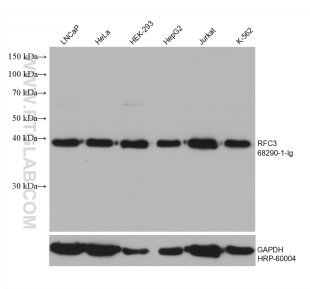
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

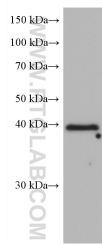
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

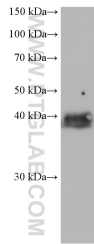
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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.