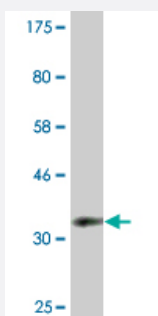


RFC1 monoclonal antibody (M01A), clone 3F8

Catalog # H00005981-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (37.51 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RFC1.
Immunogen	RFC1 (AAH51786, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDIRKFFGVIPSGKKLVSETVKKNEKTKSDEETLKAKKGIKEIKVNSSRKEDDFKQKQPSKKKRIY DSDSESEETLQVKNAKKPPEKLPVSSKPGKISRQDPVTYSET
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (77)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RFC1

Entrez GeneID	5981
GeneBank Accession#	BC051786
Protein Accession#	AAH51786
Gene Name	RFC1
Gene Alias	A1, MGC51786, MHCBBF, PO-GA, RECC1, RFC, RFC140
Gene Description	replication factor C (activator 1) 1, 145kDa
Omim ID	102579
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the large subunit of replication factor C, which is a five subunit DNA polymerase accessory protein. Replication factor C is a DNA-dependent ATPase that is required for eukaryotic DNA replication and repair. The protein acts as an activator of DNA polymerases, binds to the 3' end of primers, and promotes coordinated synthesis of both strands. It also may have a role in telomere stability. [provided by RefSeq]
Other Designations	MHC binding factor, beta replication factor C (activator 1) 1 (145kD) replication factor C large subunit replication factor C1

Pathway

- [DNA replication](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Abnormalities](#)
- [Abruptio Placentae](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Aneuploidy](#)
- [Arthritis](#)
- [Autistic Disorder](#)
- [Avitaminosis](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Central Nervous System Neoplasms](#)
- [Chromosome Aberrations](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)

- [Colorectal Neoplasms](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Down Syndrome](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Folic Acid Deficiency](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Heart Defects](#)
- [Hematologic Diseases](#)
- [Hypertension](#)
- [Intracranial Aneurysm](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Diseases](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Meningioma](#)
- [Micronuclei](#)
- [Multiple Sclerosis](#)
- [Neural Tube Defects](#)

- [Osteosarcoma](#)
- [Pregnancy Complications](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Retinal Neoplasms](#)
- [Retinoblastoma](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Venous Thrombosis](#)