RFC4 rabbit monoclonal antibody

Catalog # H00005984-K

Specification

Size 100 ug x up to 3

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Product Description	Rabbit monoclonal antibody raised against a human RFC4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RFC4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
lsotype	lgG
Quality Control Testing	Antibody reactive against human RFC4 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	 Customer may provide cell or tissue lysate for antibody screening. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

• Western Blot (Transfected lysate)

Protocol Download



• ELISA

Gene Info — RFC4	
Entrez GenelD	<u>5984</u>
GeneBank Accession#	RFC4
Gene Name	RFC4
Gene Alias	A1, MGC27291, RFC37
Gene Description	replication factor C (activator 1) 4, 37kDa
Omim ID	<u>102577</u>
Gene Ontology	Hyperlink
Gene Summary	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 14 0, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core comple x with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activit y, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq
Other Designations	A1 37 kDa subunit RFC 37 kDa subunit activator 1 37 kDa subunit replication factor C (activator 1) 4 (37kD) replication factor C 4

Pathway

- DNA replication
- <u>Mismatch repair</u>
- Nucleotide excision repair

Disease

- Genetic Predisposition to Disease
- Graft vs Host Disease
- <u>Multiple Sclerosis</u>



Product Information

Urinary Bladder Neoplasms