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Datasheet

RFC4 monoclonal antibody (M01), clone 1C12

Catalog Number: H00005984-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant RFC4.

Clone Name: 1C12

Immunogen: RFC4 (AAH17452, 254 a.a. ~ 363 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
GKEITEKVITDIAGVIPAEKIDGVFAACQSGSFDKLEAVV
KDLIDEGHAATQLVNQLHDVVVENNLSDKQKSIITEKLA
EVDKCLADGADEHLQLISLCATVMQQLSQNC

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, RNAi-Ab, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5984

Gene Symbol: RFC4

Gene Alias: A1, MGC27291, RFC37

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 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, 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]