Datasheet for ABIN190320

anti-RFC4 antibody

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Overview

Quantity:	0.1 mL
Target:	RFC4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RFC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Purpose:	Anti-Replication Factor C p37 Mouse Monoclonal Antibody
Immunogen:	Recombinant protein corresponding to the p37 subunit of human Replication Factor C expressed in E. coli.
Clone:	1320
Isotype:	IgG2b
Specificity:	This antibody recognizes the p37 subunit of human and yeast (S. cerevisiae) Replication Factor C (RFC). RFC is a heteropentameric protein consisting of p140, p40, p38, p37, and p36 subunits, RFC participates in targeting DNA polymerase delta processivity factor (PCNA) on to a primed DNA template during DNA synthesis and repair. RFC has also been associated with DNA repair in conjunction with a PCNA-like heterotrimer of Hus1, Rad1, and Rad9.
Cross-Reactivity:	Human, Saccharomyces cerevisiae

Target Details

Target:	RFC4
Alternative Name:	RFC4 / RFC37 (RFC4 Products)
Background:	Replication factor C subunit 2,The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins proliferating cell nuclear antigen (PCNA) and activator 1. This subunit binds ATP (By similarity). {ECO:0000250}.,Nucleus,Activator 1 40 kDa subunit, A1 40 kDa subunit, Activator 1 subunit 2, Replication factor C 40 kDa subunit, RF-C 40 kDa subunit, RFC40
UniProt:	P35250
Pathways:	Telomere Maintenance, DNA Damage Repair, DNA Replication, Synthesis of DNA

Application Details

Application Notes:	Immunoblotting: use at 1:2,000 dilution. A band of 37 kD is detected. Positive controls: HeLa cell lysate.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Dilute in PBS or medium which is identical to that used in the assay system.
Concentration:	Lot specific
Buffer:	PBS, pH 7.4
Storage:	-80 °C
Storage Comment:	This antibody is stable for at least one (1) year at -70°C. Avoid multiple freeze-thaw cycles.