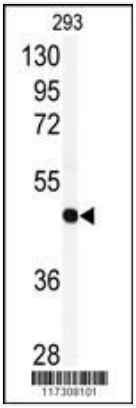
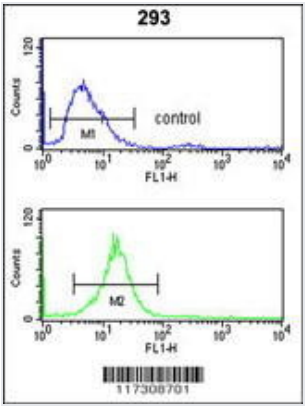
RFC3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RFC3, Polyclonal Antibody
Full Product Name	RFC3, ID (Replication Factor C Subunit 3, Activator 1 Subunit 3, Replication Factor C 38kD Subunit, RF-C 38kD Subunit, RFC38, Activator 1 38kD Subunit, A1 38kD Subunit) (MaxLight 650)
Product Gene Name	anti-RFC3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human RFC3.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	34,756 Da
OMIM	600405
3D Structure	ModBase 3D Structure for P40938
Immunogen	Synthetic peptide selected from the center region of human RFC3 (KLH).
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-RFC3 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-RFC3 antibody	Western Blot (WB), FLISA
Application Notes for anti-RFC3 antibody	WB: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-RFC3 antibody	MBS6497451 is an antibody targeting RFC3. Also known as RFC3, ID (Replication Factor C Subunit 3, Activator 1 Subunit 3, Replication Factor C 38kD Subunit, RF-C 38kD Subunit, RFC38, Activator 1 38kD Subunit, A1 38kD Subunit) (MaxLight 650). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-RFC3 antibody	1. Rauen M., Burtelow M.A.J. Biol. Chem. 275:29767-29771(2000).
Other Notes	Small volumes of anti-RFC3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-RFC3 antibody
Western blot analysis of anti-RFC3 Antibody (Center) in 293 cell line lysates (35ug/lane). RFC3 (arrow) was detected using the purified Pab.



Flow Cytometry (FC/FACS) of anti-RFC3 antibody
RFC3 Antibody (Center) flow cytometry analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RFC3. It may not necessarily be applicable to this product.

NCBI GI #	4506489
NCBI GeneID	5983
NCBI Accession #	NP_002906
UniProt Primary Accession #	P40938
UniProt Secondary Accession #	O15252; Q5W0E8; C9JU95
UniProt Related Accession #	P40938
GenBank Nucleotide #	NM_002915
NCBI Official Full Name	replication factor C subunit 3 isoform 1
NCBI Official Synonym Full Names	replication factor C (activator 1) 3, 38kDa
NCBI Official Symbol	RFC3
NCBI Official Synonym Symbols	RFC38
UniProt Protein Name	Replication factor C subunit 3
UniProt Synonym Protein Names	Activator 1 38 kDa subunit; A1 38 kDa subunit; Activator 1 subunit 3; Replication factor C 38 kDa subunit; RF-C 38 kDa subunit; RFC38
Protein Family	Probable replication factor
UniProt Gene Name	RFC3
UniProt Synonym Gene Names	A1 38 kDa subunit; RF-C 38 kDa subunit; RFC38
UniProt Entry Name	RFC3_HUMAN
NCBI Protein Information	replication factor C subunit 3; A1 38 kDa subunit; RF-C 38 kDa subunit; RFC, 38 kD subunit; activator 1 38 kDa subunit; activator 1 subunit 3; replication factor C 38 kDa subunit

UniProt Comments for RFC3	RFC3: 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. Belongs to the activator 1 small subunits family. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 13q13.2 Cellular Component: nucleoplasm; DNA replication factor C complex; nucleus Molecular Function: protein binding; DNA binding; ATPase activity; DNA clamp loader activity Biological Process: telomere maintenance via semi-conservative replication; DNA synthesis during DNA repair; response to organophosphorus; nucleotide-excision repair; transcription-coupled nucleotide-excision repair; telomere maintenance via recombination; mitotic cell cycle; nucleotide-excision repair, DNA gap filling; DNA strand elongation during DNA replication; DNA repair; DNA replication; telomere maintenance
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