

Rabbit anti-Human, rat RFC5 Polyclonal Antibody | anti-RFC5 antibody

RFC5 Antibody (Center R185)

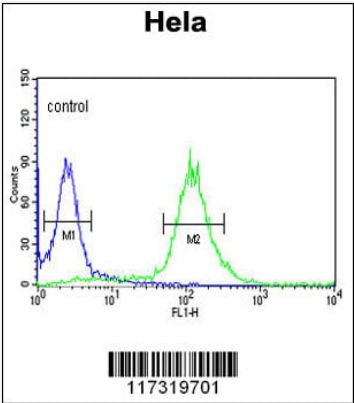
CATALOG # AAA284230	HOST Rabbit	REACTIVITY Human, rat	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot
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PRODUCT SYNONYMS

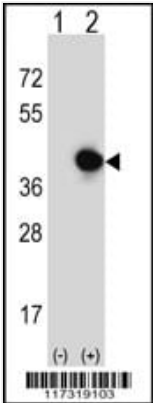
RFC5; Polyclonal Antibody; RFC5 Antibody (Center R185); Replication factor C subunit 5; Activator 1 36 kDa subunit; A1 36 kDa subunit; Activator 1 subunit 5; Replication factor C 36 kDa subunit; RF-C 36 kDa subunit; RFC36; anti-RFC5 antibody

PRODUCT SPECIFICATIONS

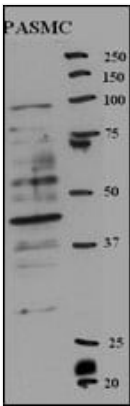
Host	Rabbit
Reactivity	Human, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RFC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-200 amino acids from the Central region of human RFC5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	170-200
Sequence Length	319
Applicable Applications for anti-RFC5 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



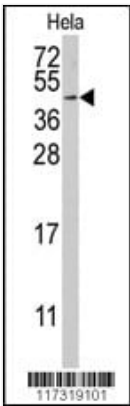
FCM/FACS (Flow Cytometry)
RFC5 Antibody (Center R185) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of RFC5 (arrow) using rabbit polyclonal RFC5 Antibody (Center R185). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the RFC5 gene.



WB (Western Blot)
Western blot analysis of anti-RFC5 Antibody (Center R185) in rat PASMC cell line lysates (35ug/lane). RFC5 (arrow) was detected using the purified Pab (Provided by Hirota Aka).



WB (Western Blot)
Western blot analysis of anti-RFC5 Antibody (Center R185) in HeLa cell line lysates (35ug/lane). RFC5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-RFC5 antibody	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. RFC5 is the 36 kD subunit. This subunit can interact with the C-terminal region of PCNA. It forms a core complex with the 38 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.
References	Stelzl,U., Cell 122 (6), 957-968 (2005) Andersen,J.S., Nature 433 (7021), 77-83 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	194306569
NCBI GeneID	5985
NCBI Accession #	NP_001123584.1; NP_031396.1; NP_853556.2
NCBI GenBank Nucleotide #	NM_001130112.2
UniProt Accession #	P40937; A8MZ62; B3KSX8
Molecular Weight	38497

NCBI Official Full Name	replication factor C subunit 5 isoform 3
NCBI Official Synonym Full Names	replication factor C (activator 1) 5, 36.5kDa
NCBI Official Symbol	RFC5
NCBI Official Synonym Symbols	RFC36
NCBI Protein Information	replication factor C subunit 5
UniProt Protein Name	Replication factor C subunit 5
UniProt Gene Name	RFC5
UniProt Synonym Gene Names	A1 36 kDa subunit; RF-C 36 kDa subunit; RFC36
UniProt Entry Name	RFC5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rfc5-antibody-flow-cytometry-western-blot-elisa/284230>