

RecomAb™

RPA1 recombinant monoclonal antibody, clone R01-3F4

Catalog # RAB04448 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: A549 whole cell lysate and Lane 2: HL-60 whole cell lysate with RPA1 recombinant monoclonal antibody, clone R01-3F4 (Cat # RAB04448).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human RPA1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human RPA1.
Theoretical MW (kDa)	Calculated MW: 68 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% Sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: A549 whole cell lysate and Lane 2: HL-60 whole cell lysate with RPA1 recombinant monoclonal antibody, clone R01-3F4 (Cat # RAB04448).

- Immunoprecipitation

Gene Info — RPA1

Entrez GeneID[6117](#)**Protein Accession#**[P27694](#)**Gene Name**

RPA1

Gene Alias

HSSB, REPA1, RF-A, RP-A, RPA70

Gene Description

replication protein A1, 70kDa

Omim ID[179835](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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Other Designations

replication protein A 70 kDa DNA-binding subunit|replication protein A1 (70kD)

Pathway

- [DNA replication](#)
- [Homologous recombination](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Leukemia](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Urinary Bladder Neoplasms](#)