

RPA2 monoclonal antibody, clone 12F3.3

Catalog # MAB8269

Size 100 ug

Specification

Product Description Mouse monoclonal antibody raised against full length recombinant RPA2.

Immunogen Recombinant protein corresponding to full length human RPA2.

Host Mouse

Reactivity Human, Mouse

Form Liquid

Isotype IgG2a, kappa

Recommend Usage Western Blot (0.2-1 ug/mL)
Immunoprecipitation (1-5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS

Storage Instruction Store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

Gene Info — RPA2

Entrez GeneID [6118](#)

Gene Name RPA2

Gene Alias	REPA2, RPA32
Gene Description	replication protein A2, 32kDa
Omim ID	179836
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000004008 replication protein A2 (32kD)

Publication Reference

- [The crystal structure of the complex of replication protein A subunits RPA32 and RPA14 reveals a mechanism for single-stranded DNA binding.](#)

Bochkarev A, Bochkareva E, Frappier L, Edwards AM.

The EMBO Journal 1999 Aug; 18(16):4498.

- [Replication protein A \(RPA\): the eukaryotic SSB.](#)

Iftode C, Daniely Y, Borowiec JA.

Critical Reviews in Biochemistry and Molecular Biology 1999 Jan; 34(3):141.

Application: WB-Ce, WB-Re, WB-Tr, Human, HeLa, Mammalian cells, Recombinant protein

- [The RPA32 subunit of human replication protein A contains a single-stranded DNA-binding domain.](#)

Bochkareva E, Frappier L, Edwards AM, Bochkarev A.

The Journal of Biological Chemistry 1998 Feb; 273(7):3932.

Pathway

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

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Urinary Bladder Neoplasms](#)