

Recombinant RPA70 Monoclonal Antibody

catalog number: **AN301946L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

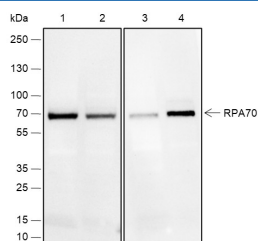
Reactivity	Human;Rat;African green monkey
Immunogen	Recombinant human RPA70 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A662
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
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Data



Western Blot with RPA70 Monoclonal Antibody at dilution of 1:1000. Lane 1: Hela, Lane 2: K562, Lane 3: C6, Lane 4: COS-7

Observed-MW:70 kDa

Calculated-MW:70 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

RPA70 also named as HSSB, REPA1, RF-A, RP-A, p70, is a component of a heterotrimeric complex, composed of 70, 32/30 and 14 kDa subunits, collectively known as RPA. RPA is a single stranded DNA binding protein, whose DNA binding activity is believed to reside entirely in the 70 kDa subunit. The complex is required for almost all aspects of cellular DNA metabolism such as DNA replication, recombination, cell cycle and DNA damage checkpoints, and all major types of DNA repair including nucleotide excision, base excision, mismatch and double-strand break repairs.

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