Recombinant Rad51 Monoclonal Antibody

catalog number: **AN301776L**

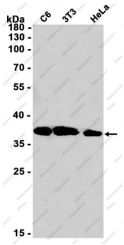
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Rad51
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111398
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:20000
IHC-P	1:100-1:500
ICC/IF	1:500-1:1000
IP	1:10-1:100
FCM	1:100-1:1000

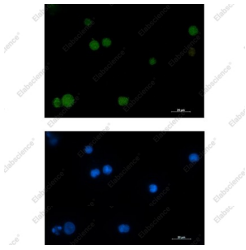
Data



Western blot analysis of C6, 3T3 and HeLa cell lysates using Rad51 Antibody (AN301776L) at a dilution of 1:1000.

Observed-MW:37 kDa

Calculated-MW:37 kDa



Immunofluorescent analysis of Jurkat cells using Rad51 Antibody(AN301776L) (green), and DAPI (blue).

Preparation & Storage

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

Background

DNA repair protein RAD51 homolog 1 (Rad51) plays an important role in homologous strand exchange, a key step in DNA repair through homologous recombination (HR). Rad51 binds to single and double-stranded DNA and exhibits DNA-dependent ATPase activity. Rad51 catalyzes the recognition of homology and strand exchange between homologous DNA partners to form a joint molecule between a processed DNA break and the repair template.

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