

Recombinant Rad21 Monoclonal Antibody

catalog number: **AN301088L**

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

Description

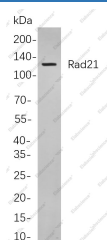
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Rad21 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110712
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:200-1000
WB	1:1000-5000
IF	1:200-1000
ELISA	1:5000-20000
IP	1:50-200

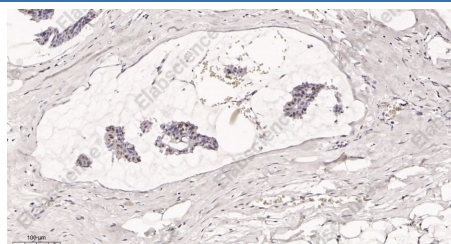
Data



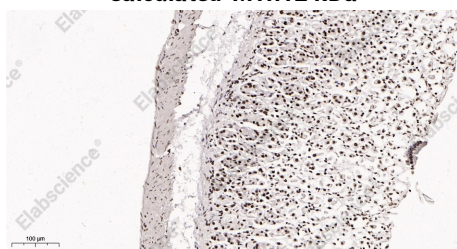
Western Blot with Recombinant Rad21 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

Observed-MW:130 kDa

Calculated-MW:72 kDa



Immunohistochemistry of paraffin-embedded human breast carcinoma tissue using Recombinant Rad21 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse stomach tissue using Recombinant Rad21 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

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

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.4

The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe rad21*, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.