Anti-Rad51 [Rad51 3C10] mAb

Catalogue number: 151196
Sub-type: Primary antibody
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Rad51 [Rad51 3C10] mAb

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal antibody which binds RAD51 recombinase protein, associated with DNA repair pathway.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Bovine ; Human ; Pig
Selectivity:
Host: Mouse
Immunogen: Full length recombinant human RAD51 protein
Immunogen UNIPROT ID: Q06609
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:

Additional notes:

Target details

Target: Rad51

Target alternate names:

Target background: RAD51 is a eukaryotic homologue of E. coli RecA, a recombinase, and a component of the homologous recombination DNA repair pathway. RAD51 forms a nucleoprotein filament (through binding RAD52 and single stranded DNA that are exposed following double strand breaks) that initiates recombination. RAD51 catalyses 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. Mutations in the gene can results in breast cancer, mirror movements 2 and Fanconi anaemia.

Molecular weight:

Ic50:

Applications

Application: IHC ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-Rad51 [Rad51 3C10] recombinant antibody

References

References: Tugal et al. 1998. J Biol Chem. 273(49):32421-9. PMID: 9829972. ; The Orc4p and Orc5p subunits of the Xenopus and human origin recognition complex are related to Orc1p and Cdc6p.