Anti-Rad51B [1h3/13]

Catalogue number: 154833 Sub-type: Primary antibody Images:

Contributor

Inventor: Institute: Absolute Antibody; The Francis Crick Institute Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Rad51B [1h3/13]

Alternate name:

Class: Recombinant

Conjugate: Unconjugated

ZancerTools.org Description: RAD51B is a Rad51 paralog. 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. RAD51B is also a component for the homologous recombination pathway. Purpose:

Parental cell: **Organism: Tissue:** Model: Gender: Isotype: IgG2a Reactivity: Human Selectivity: Host: Mouse

Immunogen: Rad51b 1h3/13 was raised against His-tagged human Rad51B, overexpressed in e.coli and purified on a talon affinity column under denaturing conditions, followed by gel purification on a SDS-PAGE.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation: **Recommended controls: Bacterial resistance:** Selectable markers: Additional notes:

Target details

Target: Rad51B

Target alternate names:

Target background: RAD51B is a Rad51 paralog. 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. RAD51B is also a component for the homologous recombination pathway. Cancer Tools.org

Molecular weight:

Ic50:

Applications

Application: Application notes:

Handling

Format: Liquid **Concentration:** Passage number: Growth medium: **Temperature:** Atmosphere: Volume: Storage medium: Storage buffer: Storage conditions: Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Barlow et al. 1997. EMBO J. 16(17):5207-15. PMID: 9311981. ; Distribution of the Rad51 recombinase in human and mouse spermatocytes. ; Endopolyploid cells produced after severe genotoxic damage have the potential to repair DNA double strand breaks. ; Ivanov et al. 2003. J Cell Sci. 116(Pt 20):4095-106. PMID: 12953071. ; Masson et al. 1999. EMBO J. 18(22):6552-60. PMID: 10562567. ; The meiosis-specific recombinase hDmc1 forms ring structures and interacts with hRad51.

