

Anti-Rad51D [Rad51D 5B3/6]

Catalogue number: 151269

Sub-type: Primary antibody

Images:

Contributor

Inventor: Stephen West

Institute: Cancer Research UK, London Research Institute: Clare Hall Laboratories

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Rad51D [Rad51D 5B3/6]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: RAD51D 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. RAD51D is also a component for the homologous recombination pathway.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: His-tagged human Rad51D, 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: Rad51D

Target alternate names:

Target background: RAD51D 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. RAD51D is also a component for the homologous recombination pathway.

Molecular weight:

Ic50:

Applications

Application: IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Chun et al. 2013. Mol Cell Biol. 33(2):387-95. PMID: 23149936. ; Rad51 paralog complexes BCDX2 and CX3 act at different stages in the BRCA1-BRCA2-dependent homologous recombination pathway. ; Masson et al. 2001. Genes Dev. 15(24):3296-307. PMID: 11751635. ; Identification and purification of two distinct complexes containing the five RAD51 paralogs. ; Albala et al. 1997. Genomics. 46(3):476-9. PMID: 9441753. ; Identification of a novel human RAD51 homolog, RAD51B.

CancerTools.org