

Anti-Rad51 [SWE26]

Catalogue number: 151326

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Rad51 [SWE26]

Alternate name:

Class: Polyclonal

Conjugate: Unconjugated

Description: Rad51 is a eukaryotic homologue of E. coli RecA, a recombinase, and a component of the homologues recombination DNA repair pathway. Rad51 forms a nucleoprotein filament through binding Rad52 and single stranded DNA that are exposed following double strand breaks. This filament initiates recombination. Rad 51B, Rad51C, Rad51D, XRCC2 and XRCC3 (X-Ray Repair Cross Complementing 2 and 3) are Rad51 paralogs and are also components of the homologous recombination pathway.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity: Human

Selectivity:

Host: Rabbit

Immunogen: Human Rad51 N-Terminal region Peptide C. (VEEESFGPQPISRLE) linked to KLH

Immunogen UNIPROT ID:

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. This filament initiates recombination. Rad 51B, Rad51C, Rad51D, XRCC2 and XRCC3 (X-Ray Repair Cross Complementing 2 and 3) are Rad51 paralogs and are also components of 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: Whole serum

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Ahn et al. 2015. Nucleic Acids Res. 43(13):6321-33. PMID: 26068472. ; Tang et al. 2014. PLoS One. 9(11):e111584. PMID: 25365323. ; Muylaert et al. 2010. J Biol Chem. 285(18):13761-8. PMID: 20215648. ; Masson et al. 1999. EMBO J. 18(22):6552-60. PMID: 10562567. ; The meiosis-specific recombinase hDmc1 forms ring structures and interacts with hRad51.

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