

# Anti-XRCC2 [1G4/1]

**Catalogue number:** 154842

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Absolute Antibody; The Francis Crick Institute

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-XRCC2 [1G4/1]

**Alternate name:**

**Class:** Recombinant

**Conjugate:** Unconjugated

**Description:** X-Ray Repair Cross Complementing 2 (XRCC2) 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. XRCC2 is also a component of the homologous recombination pathway.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Hamster ; Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

HeLa nuclear extracts  
**Bacterial resistance:**  
**Selectable markers:**  
**Additional notes:**

## Target details

**Target:** XRay Repair Cross Complementing 2 (XRCC2)

**Target alternate names:**

**Target background:** X-Ray Repair Cross Complementing 2 (XRCC2) 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. XRCC2 is also a component of the homologous recombination pathway.

**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:** 19194467 ; 22545050

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