

# Anti-XRCC3 [XRCC3 10F1/6] mAb

**Catalogue number:** 151256

**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-XRCC3 [XRCC3 10F1/6] mAb

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** X-Ray Repair Cross Complementing 3 (XRCC3) 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. XRCC3 is also a component of the homologous recombination pathway.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** His-tagged human XRCC3

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

HeLa nuclear extracts.

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** XRCC3

**Target alternate names:**

**Target background:** X-Ray Repair Cross Complementing 3 (XRCC3) 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. XRCC3 is also a component of the homologous recombination pathway.

**Molecular weight:** 37.8 kDa

**Ic50:**

## Applications

**Application:** IHC ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.94 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:** Gee et al. 2009. J Pathol. 217(1):32-41. PMID: 18825690. ; Overexpression of TFAP2C in invasive breast cancer correlates with a poorer response to anti-hormone therapy and reduced patient survival. ; Eloranta et al. 2002. J Biol Chem. 277(34):30798-804. PMID: 12072434. ; Transcription factor AP-2 interacts with the SUMO-conjugating enzyme UBC9 and is sumolated in vivo.

CancerTools.org