

Mouse anti-Human XRCC4 Monoclonal Antibody | anti-XRCC4 antibody

XRCC4 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA276810	Mouse	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

XRCC4; Monoclonal Antibody; XRCC4 Mouse mAb; DNA repair protein XRCC4; anti-XRCC4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-XRCC4 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Synthetic Peptide
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



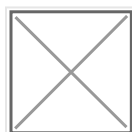
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma using XRCC4 (EM1086) Mouse mAb diluted at 1:500.



Application Data

1. Input: HeLa Cell Lysate 2. IP product: IP dilute 1:200 Western blot analysis: primary antibody : EM1086 1:2,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific(S003), 1:5,000



WB (Western Blot)

Western blot analysis of 1) HeLa, 2) 293T, with XRCC4 Mouse mAb diluted at 1:3,000.

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC4 antibody

The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand break by non-homologous end joining and the completion of V (D) J recombination events.

Product Categories/Family for anti-XRCC4 antibody	Nucleus
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507945
NCBI GeneID	7518
NCBI Accession #	NP_003392.1
NCBI GenBank Nucleotide #	NM_003401.3
UniProt Accession #	Q13426; Q9BS72; Q9UP94; A8K3X4
Molecular Weight	38,287 Da
NCBI Official Full Name	DNA repair protein XRCC4 isoform 1
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 4
NCBI Official Symbol	XRCC4
NCBI Protein Information	DNA repair protein XRCC4; X-ray repair cross-complementing protein 4; X-ray repair, complementing defective, repair in Chinese hamster
UniProt Protein Name	DNA repair protein XRCC4
UniProt Gene Name	XRCC4
UniProt Entry Name	XRCC4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/xrcc4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/276810>