

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

XRCC4 Monoclonal Antibody (5C10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293526	Mouse	Human	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

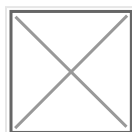
PRODUCT SYNONYMS

XRCC4; Monoclonal Antibody; XRCC4 Monoclonal Antibody (5C10); DNA repair protein XRCC4; X-ray repair cross-complementing protein 4; anti-XRCC4 antibody

PRODUCT SPECIFICATIONS

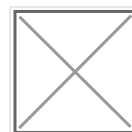
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	5C10
Applicable Applications for anti-XRCC4 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Notes	ECO:0000303 PubMed:8548796, ECO:0000312 HGNC: HGNC:12831
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



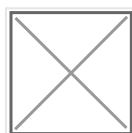
IP (Immunoprecipitation)

Dilution: WB: 1:2000 IP:1:200 IF 1:200 IHC 1:50-300



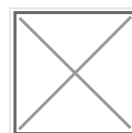
WB (Western Blot)

Dilution: WB: 1:2000 IP:1:200 IF 1:200 IHC 1:50-300



Application Data

Dilution: WB: 1:2000 IP:1:200 IF 1:200 IHC 1:50-300



WB (Western Blot)

Dilution: WB: 1:2000 IP:1:200 IF 1:200 IHC 1:50-300

ADDITIONAL INFORMATION

Related Product Information for anti-XRCC4 antibody	Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V (D)J recombination. Binds to DNA and to DNA ligase IV (LIG4). The LIG4-XRCC4 complex is responsible for the NHEJ ligation step, and XRCC4 enhances the joining activity of LIG4. Binding of the LIG4-XRCC4 complex to DNA ends is dependent on the assembly of the DNA-dependent protein kinase complex DNA-PK to these DNA ends.
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/xrcc4-antibody-clone-5c10-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/293526>