Mouse Ku80 Monoclonal Antibody | anti-Ku80 antibody

Anti-Ku80 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265792	**Mouse**	**Human, Monkey**	**Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Western Blot**

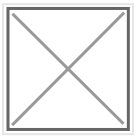
PRODUCT SYNONYMS

Ku80; Monoclonal Antibody; Anti-Ku80 Antibody; anti-Ku80 antibody

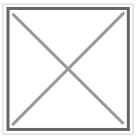
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Ku80 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-Ku80 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Ku80 protein fragments expressed in E coli
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of Ku80 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)
Western blot analysis of Ku80 expression in COS7 (A), Jurkat (B), Hela (C), MCF7 (D), A549 (E) whole cell lysates. (Predicted band size: 83 kD; Observed band size: 86 kD

ADDITIONAL INFORMATION

Related Product Information for anti-Ku80 antibody	Mouse monoclonal antibody to Ku80
Product Categories/Family for anti-Ku80 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863945

NCBI GeneID	7520
NCBI Accession #	NP_066964.1
NCBI GenBank Nucleotide #	NM_021141.3
UniProt Accession #	P13010; Q0Z7V0; Q4VBQ5; Q53HH7; Q7M4N0; Q9UCQ0; Q9UCQ1; A8K3X5
Molecular Weight	82,705 Da
NCBI Official Full Name	X-ray repair cross-complementing protein 5
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 5 (double-strand-break rejoining)
NCBI Official Symbol	XRCC5
NCBI Official Synonym Symbols	KU80; KUB2; Ku86; NFIV; KARP1; KARP-1
NCBI Protein Information	X-ray repair cross-complementing protein 5; TLAA; CTC85; CTCBF; nuclear factor IV; Ku autoantigen, 80kDa; DNA repair protein XRCC5; thyroid-lupus autoantigen; 86 kDa subunit of Ku antigen; lupus Ku autoantigen protein p86; Ku86 autoantigen related protein
UniProt Protein Name	X-ray repair cross-complementing protein 5
UniProt Gene Name	**XRCC5**
UniProt Synonym Gene Names	G22P2; CTC85; CTCBF; TLAA
UniProt Entry Name	XRCC5_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/ku80-antibody-chromatin-immunoprecipitation-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265792