

Mouse Ku70 Monoclonal Antibody | anti-Ku70 antibody

Anti-Ku70 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265790	Mouse	Human, Monkey	Chromatin Immunoprecipitation, Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Western Blot

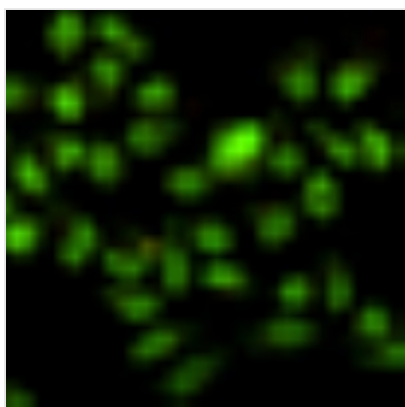
PRODUCT SYNONYMS

Ku70; Monoclonal Antibody; Anti-Ku70 Antibody; anti-Ku70 antibody

PRODUCT SPECIFICATIONS

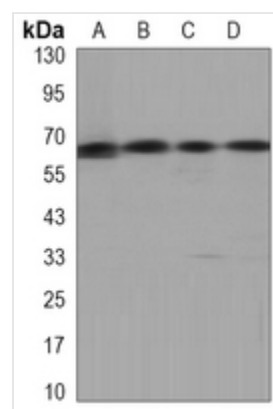
Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Ku70 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-Ku70 antibody	ChIP (Chromatin immunoprecipitation), IP (Immunoprecipitation), IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Ku70 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 Ku70 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 humidified 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 Ku70 expression in HeLa (A), A549 (B), COS7 (C), K562 (D) whole cell lysates. (Predicted band size: 70 kD; Observed band size: 67 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-Ku70 antibody	Mouse monoclonal antibody to Ku70
Product Categories/Family for anti-Ku70 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503841
NCBI GeneID	2547
NCBI Accession #	NP_001460.1
NCBI GenBank Nucleotide #	NM_001469.3
UniProt Accession #	P12956; Q6FG89; Q9UCQ2; Q9UCQ3
Molecular Weight	69,843 Da
NCBI Official Full Name	X-ray repair cross-complementing protein 6
NCBI Official Synonym Full Names	X-ray repair complementing defective repair in Chinese hamster cells 6
NCBI Official Symbol	XRCC6
NCBI Official Synonym Symbols	ML8; KU70; TLAA; CTC75; CTCBF; G22P1
NCBI Protein Information	X-ray repair cross-complementing protein 6; 5'-dRP lyase Ku70; Ku autoantigen, 70kDa; DNA repair protein XRCC6; Ku autoantigen p70 subunit; 70 kDa subunit of Ku antigen; thyroid-lupus autoantigen p70; lupus Ku autoantigen protein p70; 5'-deoxyribose-5-pho
UniProt Protein Name	X-ray repair cross-complementing protein 6
UniProt Gene Name	XRCC6
UniProt Synonym Gene Names	G22P1; 5'-dRP lyase Ku70; CTC75; CTCBF; Ku70; TLAA
UniProt Entry Name	XRCC6_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/ku70-antibody-chromatin-immunoprecipitation-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265790>