

Product Datasheet

Ku70 Mouse mAb

Catalog No: AB3294

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB, ICC/IF



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Information

UniProt ID: P12956

All Names: CTCF5; CTCBF; DNA repair protein XRCC6; G22P1; Ku 70; Ku autoantigen 70kDa; Ku autoantigen, 70kDa; Ku p70; Ku70; Kup70; TLAA; XRCC6;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 70KDa

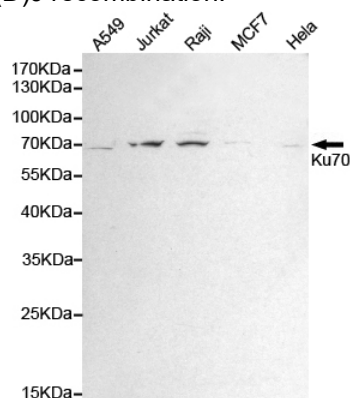
Application

WB 1:1000

ICC/IF 1:200

Background

Has a role in chromosome translocation. The DNA helicase II complex binds preferentially to fork-like ends of double-stranded DNA in a cell cycle-dependent manner. It works in the 3'-5' direction. Binding to DNA may be mediated by XRCC6. Involved in DNA non-homologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination.



Western blot detection of Ku70 in HeLa, A549, MCF7, Jurkat and Raji cell lysates using Ku70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.

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