

Product Datasheet

Ku80 Mouse mAb

Catalog No: AB3297

Reactivity: Human,Monkey

Isotype: Mouse IgG1

Applications: WB,ICC/IF,IP



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Information

UniProt ID: P13010

All Names: CTC box-binding factor 85 kDa subunit; CTC85; CTCBF; DNA repair protein XRCC5; G22P2; KARP1; Ku autoantigen, 80kDa; Ku80; Ku86 autoantigen related protein 1; KUB2; NFIV;

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.: 86KDa

Application

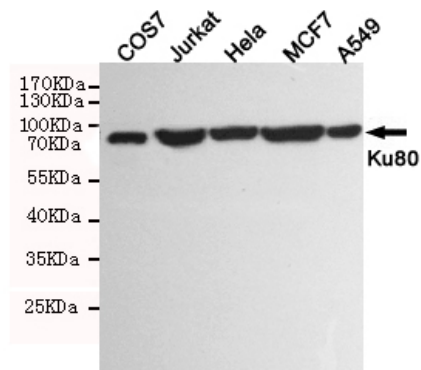
WB 1:1000

ICC/IF 1:400

IP 1:100

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.



Western blot detection of Ku80 in COS7, Jurkat, Hela, MCF7 and A549 cell lysates using Ku80 mouse mAb (1:1000 diluted). Predicted band size: 86KDa. Observed band size: 86KDa.

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