

KU80 (8H1) MOUSE MAB

Cat.#: N261123

Product Name: Anti-Ku80 (8H1) Mouse Monoclonal Antibody

Synonyms: XRCC5; G22P2; X-ray repair cross-complementing protein 5; 86 kDa subunit of Ku antigen; ATP-dependent DNA helicase 2 subunit 2; ATP-dependent DNA helicase II 80 kDa subunit; CTC box-binding factor 85 kDa subunit; CTC85; CTCBF; DNA repair pr

UNIPROT ID: P13010

Background: Ku80 the 80-kilodalton subunit of the Ku complex, also known as ATP-dependant DNA helicase II. A single stranded DNA-dependent ATP-dependent helicase. It functions together with the DNA ligase IV-XRCC4 complex in the repair of DNA double-strand break by non-homologous end joining and the completion of V(D)J recombination events.

Immunogen: Purified recombinant human Ku80 protein fragments expressed in E.coli

Applications: WB,ICC/IF,IP,ChIP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 ChIP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 8H1-C3-G10

MW: Calculated MW: 83 kDa; Observed MW: 86 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human,Monkey

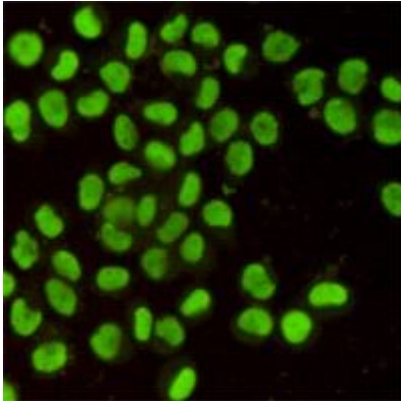
Conjugation: Unconjugated

Modification: Unmodified

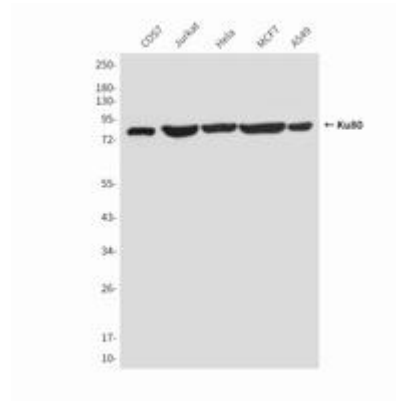
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics and Nuclear Signaling

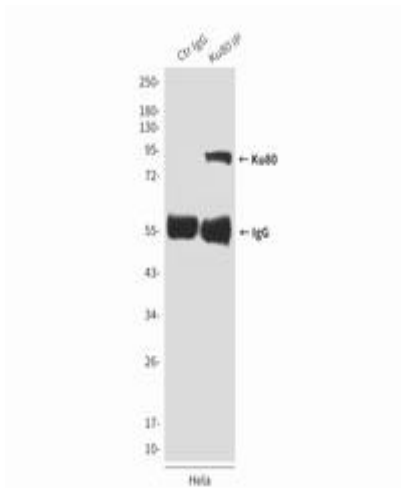
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of Ku80 (8H1) in HeLa using Ku80 antibody.



Western blot analysis of Ku80 in COS7, Jurkat, HeLa, MCF-7 and A549 lysates using Ku80 antibody.



Immunoprecipitation analysis of Ku80 (8H1) in HeLa lysates using Ku8 antibody.