

Product Name: Ku80 (8H1) Mouse Monoclonal Antibody
Catalog #: AMM03521

Summary

Production Name	Ku80 (8H1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF, IP, ChIP
Reactivity	Human, Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	XRCC5 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
Alternative Names	
Gene ID	7520
SwissProt ID	P13010.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20 ChIP: 1:20
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 86 kDa

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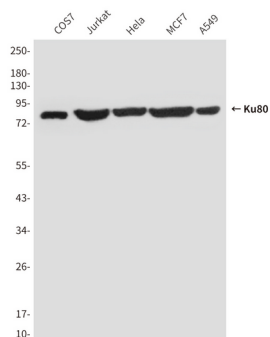
Background

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.

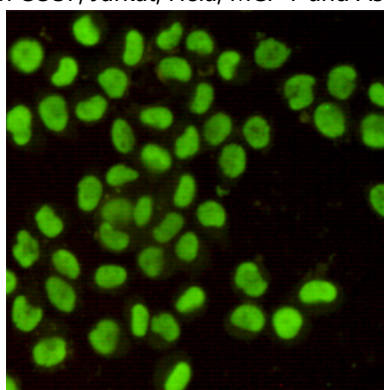
Research Area

Epigenetics and Nuclear Signaling

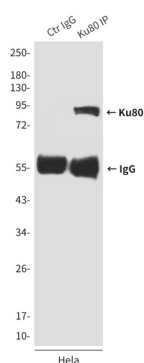
Image Data



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



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





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

Note

For research use only.