

Ku80 Antibody (YA714)

Cat. No.:	HY-P80737
Synonyms:	Ku80 Antibody (YA714) is a non-conjugated and Mouse originated monoclonal antibody about 83 kDa, targeting to Ku80 (8H1). It can be used for WB, ICC/IF, IP, ChIP assays with tag free, in the background of Human, Monkey.
Host:	Mouse
Reactivity:	Human, Monkey
Conjugation:	Non-conjugated
SwissProt ID:	P13010
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 83 kDa

PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IF	1:50-1:200
	IP	1:20
	ChIP	1:20
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>Ku80 (8H1): The protein encoded by this gene is the 80-kilodalton subunit of the Ku heterodimer protein which is also known as ATP-dependant DNA helicase II or DNA repair protein XRCC5. Ku is the DNA-binding component of the DNA-dependent protein kinase, and 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. This gene functionally complements Chinese hamster xrs-6, a mutant defective in DNA double-strand break repair and in ability to undergo V(D)J recombination. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. [provided by RefSeq, Jul 2008]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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