Ku 70 Rabbit mAb

Catalog No: #49508

Package Size: #49508-1 50ul #49508-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Ku 70 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM61-31
Purification	ProA affinity purified
Applications	WB, IP, ICC/IF, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	5"-deoxyribose-5-phosphate lyase Ku70 antibody 5"-dRP lyase Ku70 antibody 70 kDa subunit of Ku antigen antibody ATP dependent DNA helicase 2 subunit 1 antibody ATP dependent DNA helicase II 70 kDa subunit antibody ATP-dependent DNA helicase 2 subunit 1 antibody ATP-dependent DNA helicase II 70 kDa subunit antibody CTC box binding factor 75 kDa subunit antibody CTC box-binding factor 75 kDa subunit antibody CTC75 antibody CTCBF antibody DNA repair protein XRCC6 antibody G22P1 antibody Ku 70 antibody Ku autoantigen p70 subunit antibody Ku autoantigen, 70kDa antibody Ku p70 antibody Ku70 antibody Ku70 DNA binding component of DNA-dependent proteinkinase complex (thyroid autoantigen 70 kDa antibody Kup70 antibody Lupus Ku autoantigen protein p70 antibody ML8 antibody Thyroid autoantigen 70kD (Ku antigen) antibody Thyroid autoantigen antibody Thyroid lupus autoantigen antibody Thyroid lupus autoantigen p70 antibody Thyroid-lupus autoantigen antibody TLAA antibody X ray repair complementing defective repair in Chinese hamster cells 6 antibody X-ray repair complementing defective repair in Chinese hamster cells 6 antibody X-ray repair cross-complementing protein 6 antibody XRCC 6 antibody Xrcc6 antibody XRCC6_HUMAN antibody
Accession No.	Swiss-Prot#:P12956
Uniprot	P12956
GeneID	2547;
Calculated MW	70 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200IP: 1:10-1:50FC: 1:50-1:100

Background

The Ku protein is localized in the nucleus and is composed of subunits referred to as Ku-70 (p70) and Ku-86 (p86) which is also known by the synonym Ku-80 or (p80). Ku was first described as an autoantigen to which antibodies were produced in a patient with scleroderma polymyositis overlap syndrome, and was later found in the sera of patients with other rheumatic diseases. Both subunits of the Ku protein have been cloned, and a number of functions have been proposed for Ku, including cell signaling, DNA replication and transcriptional activation. Ku is involved in Pol II-directed transcription by virtue of its DNA binding activity, serving as the regulatory component of the DNA-associated protein kinase that phosphorylates Pol II

and transcription factor Sp. Ku proteins also activate transcription from the U1 small nuclear RNA and the human transferrin receptor gene promoters. A Ku-related protein designated the enhancer 1 binding factor (E1BF), composed of two subunits, has been identified as a positive regulator of RNA polymerase I transcription initiation.

References

Note: This product is for in vitro research use only