

Ku70 Polyclonal Antibody

Catalog NumberPA5-25915

Product data sheet

Details		Species Reactivity	
Size	400 µL	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Published species	Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Flow Cytometry (Flow)	Dilution *1:10-1:50
Immunogen	KLH conjugated synthetic peptide between 432-461 amino acids from the central region of human Ku70	Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:50
Conjugate	Unconjugated	Western Blot (WB)	1:1,000
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	2 mg/mL		
Purification	Ammonium sulfate precipitation, Size-exclusion - Dialysis		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Background/Target Information

XRCC6 is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.

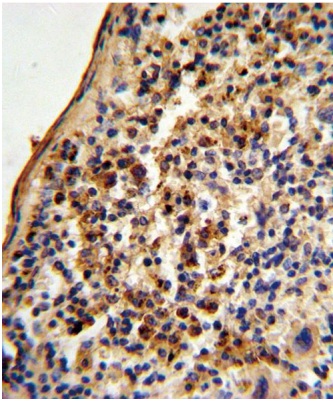
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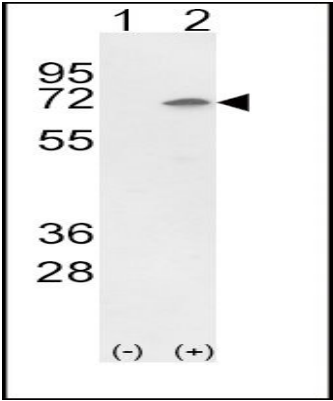
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Product Images For Ku70 Polyclonal Antibody



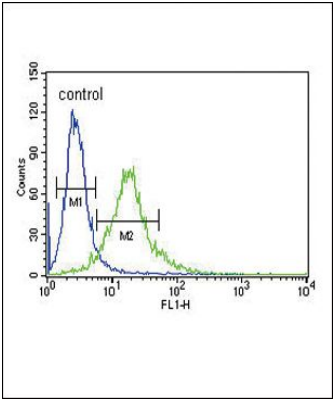
Ku70 Antibody (PA5-25915) in IHC (P)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded mouse spleen tissue using a Ku70 polyclonal antibody (Product # PA5-25915), followed by HRP-conjugated secondary antibody and DAB staining.



Ku70 Antibody (PA5-25915) in WB

Western blot analysis of Ku70 (arrow) using a Ku70 polyclonal antibody (Product # PA5-25915) in 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the Ku70 gene (Lane 2).



Ku70 Antibody (PA5-25915) in Flow

Flow cytometry analysis of 293 cells using a Ku70 polyclonal antibody (Product # PA5-25915) (right) compared to a negative control cell (left) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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