

# Product Datasheet

## **Ku70/XRCC6 Antibody (KU729) [Janelia Fluor® 549] NBP2-34663JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34663JF549**

Ku70/XRCC6 Antibody (KU729) [Janelia Fluor® 549]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	KU729
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 549
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	2547
Gene Symbol	XRCC6
Species	Human, Primate, Chicken (Negative), Mouse (Negative), Rat (Negative)
Reactivity Notes	Does not react with Mouse, Rat and Chicken.
Marker	Nuclear Marker
Specificity/Sensitivity	Recognizes a dimer of two proteins of 70kDa and ~80kDa, identified as two subunits of Ku. This monoclonal antibody recognizes a conformational epitope of p70/p80 dimer, which is destroyed during Western blotting. The p70/p80 dimer is important for function of a 460kDa DNA-dependent protein kinase. Ku protein plays a role in cell signaling, proliferation, DNA repair, replication, transcriptional activation, and apoptosis.
Immunogen	Nuclear extract of human HL-60 cells
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Flow (Intracellular)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-34663JF549**

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NBP2-38954PEP	Ku70/XRCC6 Recombinant Protein Antigen
NBL1-17919	Ku70/XRCC6 Overexpression Lysate
NB100-143	Nbs1 Antibody
NB110-57130	TRF-2 Antibody - BSA Free

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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