

# Product Datasheet

## Ku70/XRCC6 Antibody (KU729) [DyLight 405] NBP2-34663V

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34663V**

Ku70/XRCC6 Antibody (KU729) [DyLight 405]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	KU729
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	DyLight 405
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

Product Description	
<b>Description</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Host</b>	Mouse
<b>Gene ID</b>	2547
<b>Gene Symbol</b>	XRCC6
<b>Species</b>	Human, Primate, Chicken (Negative), Mouse (Negative), Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Mouse, Rat and Chicken.
<b>Marker</b>	Nuclear Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Nuclear extract of human HL-60 cells
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
<b>Applications</b>	Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Flow (Intracellular)





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

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NBP1-43319V-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405]
NBP2-38567PEP	Ku70/XRCC6 Recombinant Protein Antigen
NBL1-17919	Ku70/XRCC6 Overexpression Lysate
NB100-143	Nbs1 Antibody

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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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