

Product Datasheet

Ku70/XRCC6 Antibody (KU729) [Janelia Fluor® 585] NBP2-34663JF585

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34663JF585

Ku70/XRCC6 Antibody (KU729) [Janelia Fluor® 585]

| 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 585 |
| 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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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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