

# Product Datasheet

## **Ku70/XRCC6 Antibody (2F7F5) - BSA Free NBP2-52589**

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-52589**

Ku70/XRCC6 Antibody (2F7F5) - BSA Free

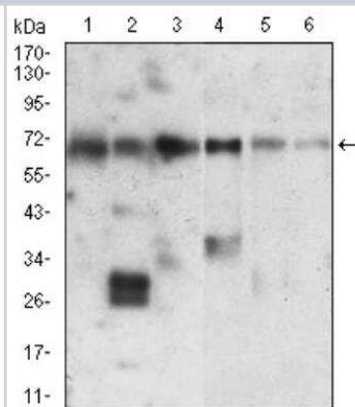
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F7F5
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	69.8 kDa

Product Description	
Host	Mouse
Gene Symbol	XRCC6
Species	Human
Immunogen	Purified recombinant fragment of human Ku70/XRCC6 (AA: 6-214) expressed in E. Coli.

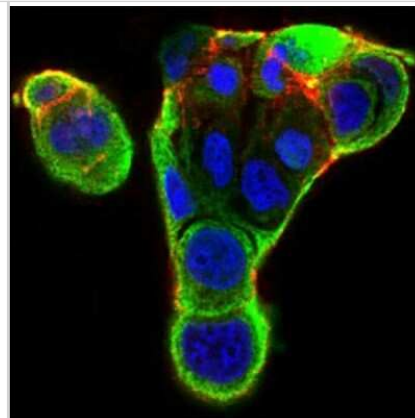
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytotof ready.

**Images**

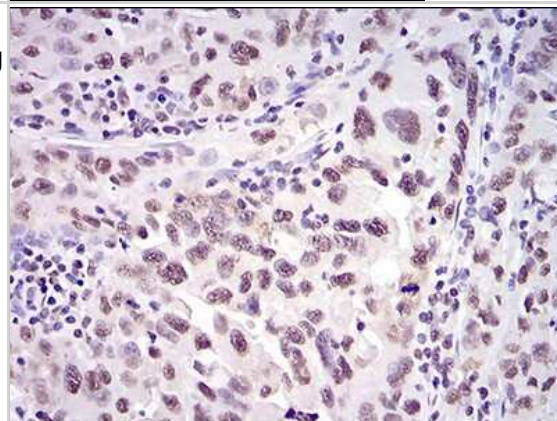
Western Blot: Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis using XRCC6 mouse mAb against Hela (1), PC-2 (2), A549 (3), A431 (4), HepG2 (5), K562 (6) cell lysate.



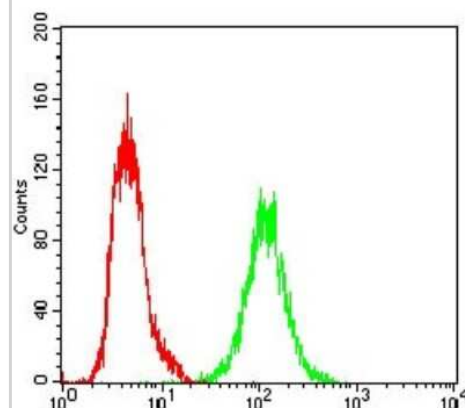
**Immunocytochemistry/Immunofluorescence:** Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis of MCF-7 cells using XRCC6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



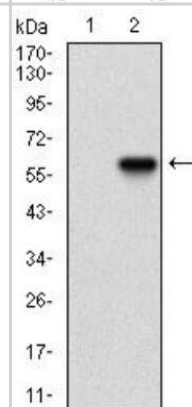
**Immunohistochemistry-Paraffin:** Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis of paraffin-embedded endometrial cancer tissues using XRCC6 mouse mAb with DAB staining.



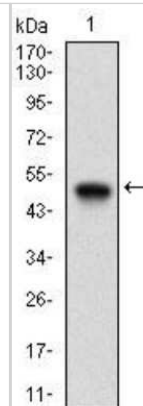
**Flow Cytometry:** Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis of A431 cells using XRCC6 mouse mAb (green) and negative control (red).



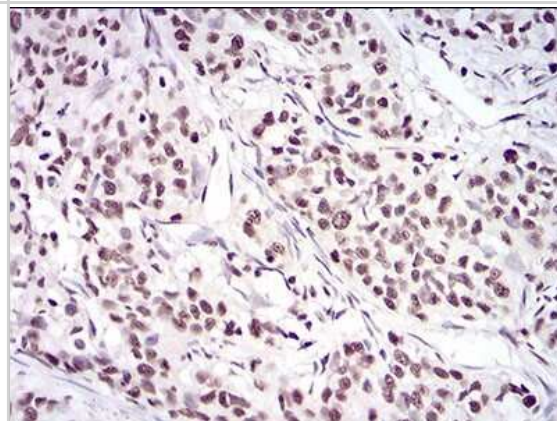
**Western Blot:** Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis using XRCC6 mAb against HEK293 (1) and XRCC6 (AA: 6-214)-hIgGFc transfected HEK293 (2) cell lysate.



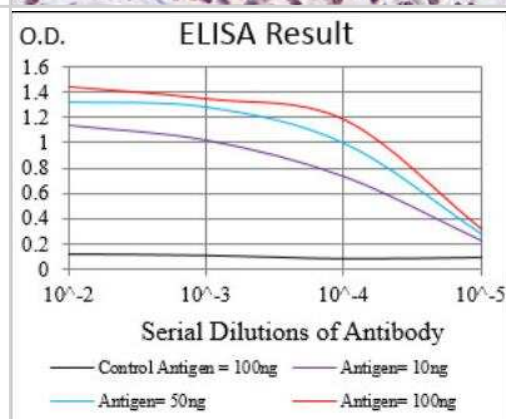
Western Blot: Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis using XRCC6 mAb against human XRCC6 (AA: 6-214) recombinant protein. (Expected MW is 49.7 kDa)



Immunohistochemistry-Paraffin: Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Analysis of paraffin-embedded cervical cancer tissues using XRCC6 mouse mAb with DAB staining.



ELISA: Ku70/XRCC6 Antibody (2F7F5) [NBP2-52589] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).





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### **Products Related to NBP2-52589**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002547-P02-2ug	Recombinant Human Ku70/XRCC6 GST (N-Term) Protein

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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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