

# Product Datasheet

## **ANKRD53 Antibody (OTI1E1) - Azide and BSA Free NBP2-72217**

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-72217**

ANKRD53 Antibody (OT1E1) - Azide and BSA Free

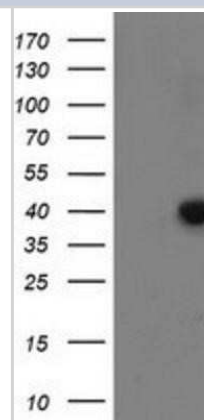
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT1E1
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	38 kDa

Product Description	
Description	Novus Biologicals Mouse ANKRD53 Antibody (OT1E1) - Azide and BSA Free (NBP2-00520) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79998
Gene Symbol	ANKRD53
Species	Human
Immunogen	Human recombinant protein fragment corresponding to amino acids 1-300 of human ANKRD53 (NP_079209) produced in E.coli.

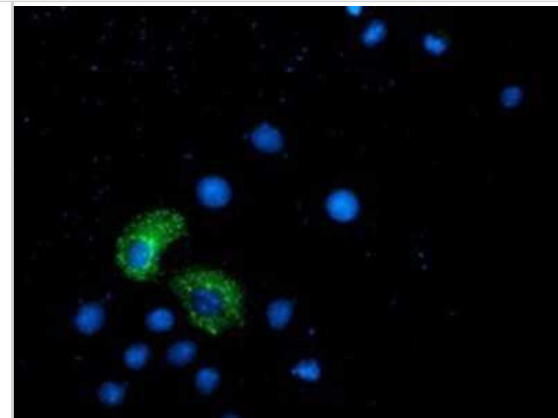
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

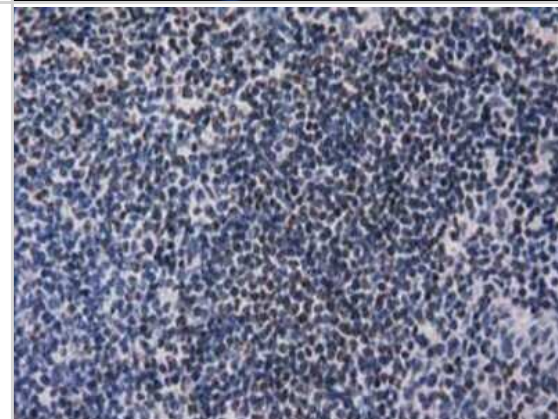
Western Blot: ANKRD53 Antibody (OT1E1) - Azide and BSA Free [NBP2-72217] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ANKRD53 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ANKRD53.



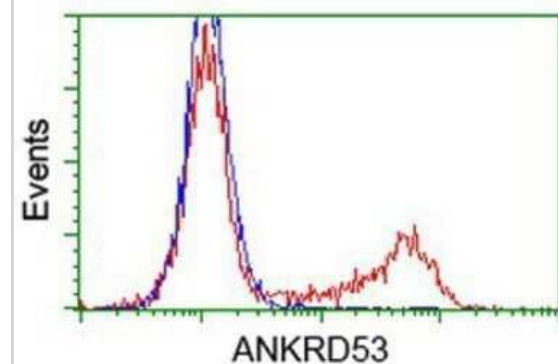
Immunocytochemistry/Immunofluorescence: ANKRD53 Antibody (OT11E1) - Azide and BSA Free [NBP2-72217] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY ANKRD53.



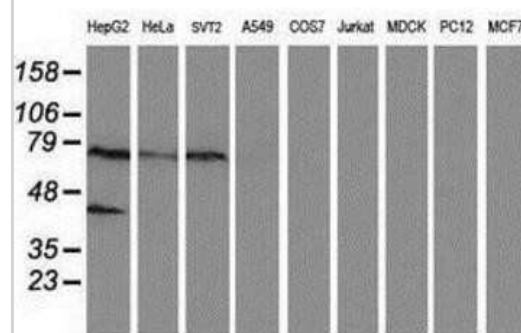
Immunohistochemistry: ANKRD53 Antibody (OT11E1) - Azide and BSA Free [NBP2-72217] - Staining of paraffin-embedded Human lymph node tissue using anti-ANKRD53 mouse monoclonal antibody.



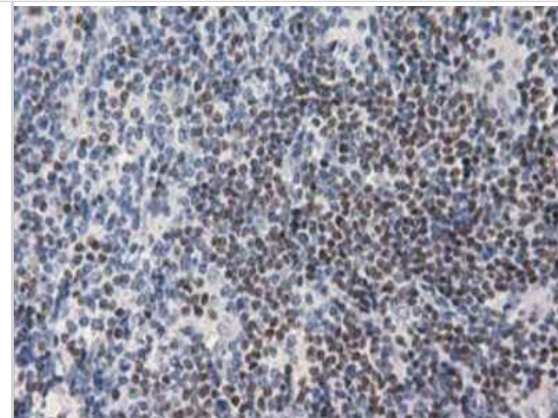
Flow Cytometry: ANKRD53 Antibody (OT11E1) - Azide and BSA Free [NBP2-72217] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-ANKRD53 antibody, and then analyzed by flow cytometry.



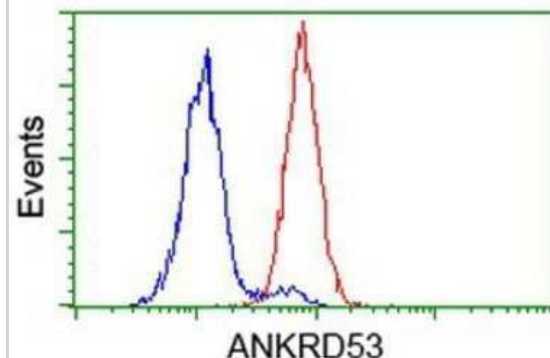
Western Blot: ANKRD53 Antibody (OT11E1) - Azide and BSA Free [NBP2-72217] - Analysis of extracts (35ug) from 9 different cell lines by using anti-ANKRD53 monoclonal antibody.



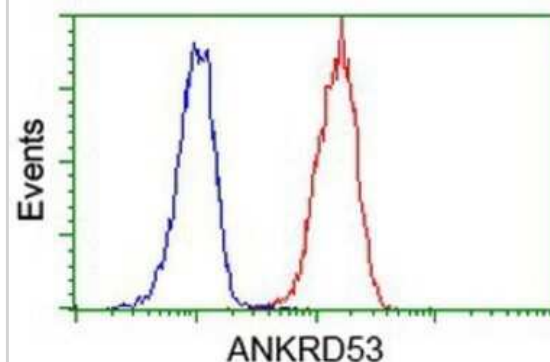
Immunohistochemistry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Staining of paraffin-embedded Human lymphoma tissue using anti-ANKRD53 mouse monoclonal antibody.



Flow Cytometry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Analysis of Hela cells, using anti-ANKRD53 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Analysis of Jurkat cells, using anti-ANKRD53 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-72217**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-14294PEP	ANKRD53 Recombinant Protein Antigen

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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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