

# Product Datasheet

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

Unit Size: 100 ug

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-72217](http://www.novusbio.com/NBP2-72217)

Updated 9/9/2025 v.20.1

**Earn rewards for product reviews and publications.**

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-72217](http://www.novusbio.com/reviews/destination/NBP2-72217)



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

<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1E1
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Isotype</b>	IgG2b
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	38 kDa

**Product Description**

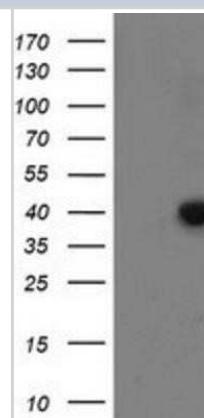
<b>Description</b>	Novus Biologicals Mouse ANKRD53 Antibody (OTI1E1) - Azide and BSA Free (NBP2-00520) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	79998
<b>Gene Symbol</b>	ANKRD53
<b>Species</b>	Human
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 1-300 of human ANKRD53 (NP_079209) produced in E.coli.

**Product Application Details**

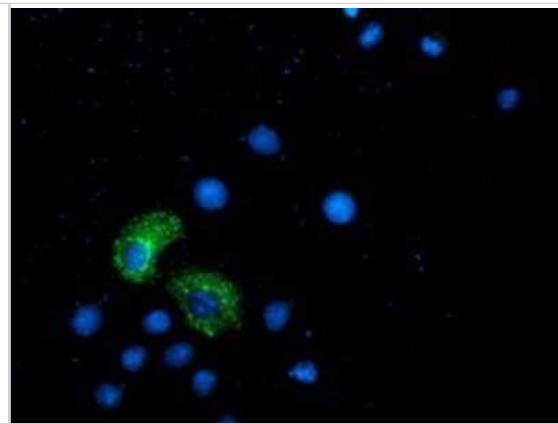
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

Western Blot: ANKRD53 Antibody (OTI1E1) - 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.



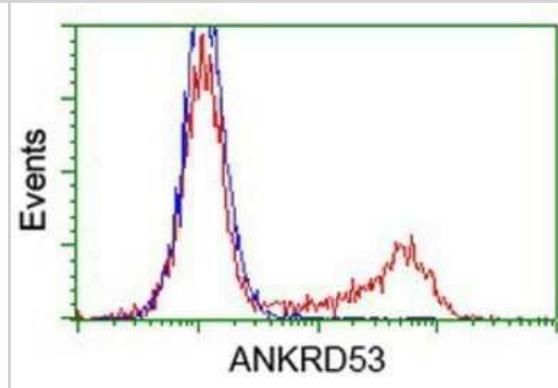
Immunocytochemistry/Immunofluorescence: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY ANKRD53.



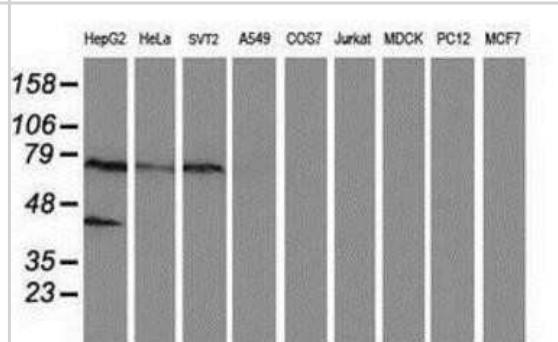
Immunohistochemistry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Staining of paraffin-embedded Human lymph node tissue using anti-ANKRD53 mouse monoclonal antibody.



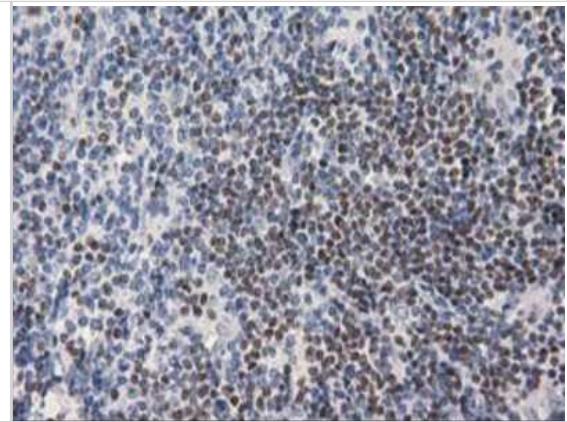
Flow Cytometry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-ANKRD53 antibody, and then analyzed by flow cytometry.



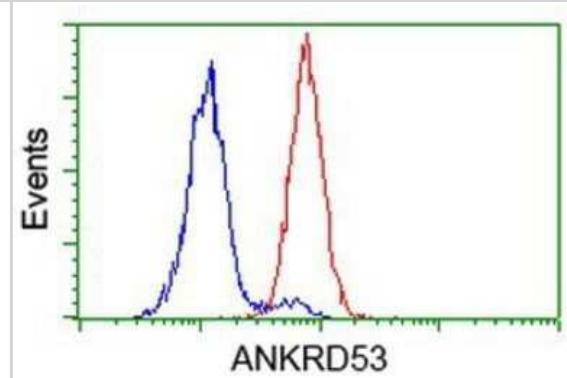
Western Blot: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Analysis of extracts (35ug) from 9 different cell lines by using anti-ANKRD53 monoclonal antibody.



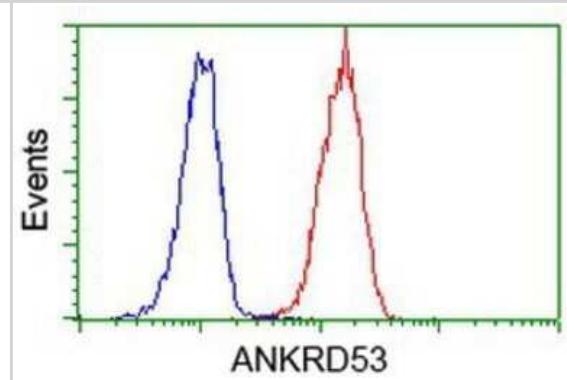
Immunohistochemistry: ANKRD53 Antibody (OTI1E1) - Azide and BSA Free [NBP2-72217] - Staining of paraffin-embedded Human lymphoma tissue using anti-ANKRD53 mouse monoclonal antibody.



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).





## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NBP2-72217

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

## 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-72217](http://www.novusbio.com/reviews/submit/NBP2-72217)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)