

# Product Datasheet

## CD4 Antibody (OT15D9) - Azide and BSA Free NBP2-70357

Unit Size: 100 ug

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

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### Publications: 1

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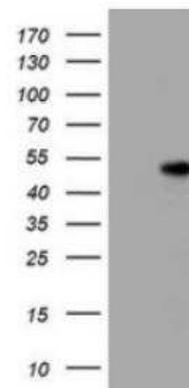
**NBP2-70357**

CD4 Antibody (OTI5D9) - Azide and BSA Free

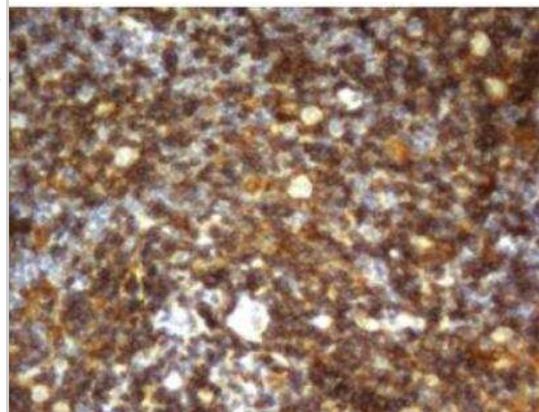
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI5D9
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	we recommend adding 100uL distilled water 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>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Lyophilized from PBS (pH 7.3) with 8% Trehalose
<b>Target Molecular Weight</b>	48.3 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse CD4 Antibody (OTI5D9) - Azide and BSA Free (NBP2-46149) is a monoclonal antibody validated for use in IHC and WB. Anti-CD4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	920
<b>Gene Symbol</b>	CD4
<b>Species</b>	Human, Monkey
<b>Immunogen</b>	Full length human recombinant protein of human CD4 Antibody (NP_000607) produced in HEK293T cell.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin

## Images

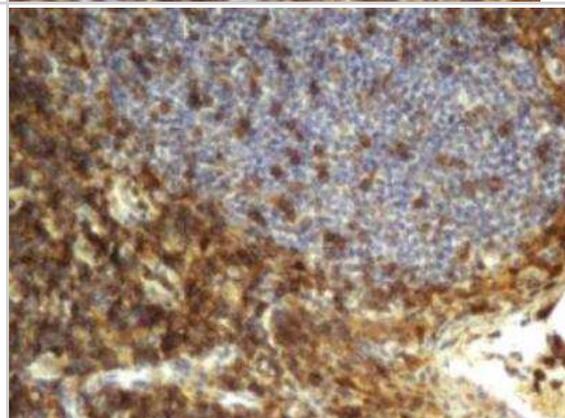
Western Blot: CD4 Antibody (OTI5D9) - Azide and BSA Free [NBP2-70357] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD4 ( Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD4. Positive lysates .



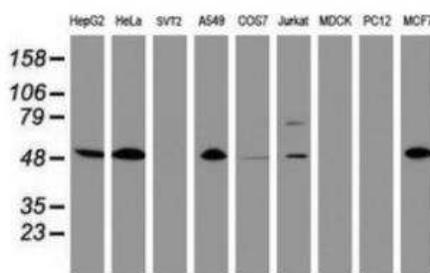
Immunohistochemistry-Paraffin: CD4 Antibody (OTI5D9) - Azide and BSA Free [NBP2-70357] - Staining of Human lymphoma tissue using anti-CD4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min.



CD4 Antibody (OTI5D9) - Azide and BSA Free [NBP2-70357] - Staining of paraffin-embedded Human tonsil within the normal limits using anti-CD4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10 min.



CD4 Antibody (OTI5D9) - Azide and BSA Free [NBP2-70357] - Analysis of extracts (35ug) from 9 different cell lines by using anti-CD4 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



## Publications

Hussein Alnajar, Hiranmayi Ravichandran, André Figueiredo Rendeiro, Kentaro Ohara, Wael Al Zoughbi, Jyothi Manohar, Noah Greco, Michael Sigouros, Jesse Fox, Emily Muth, Samuel Angiuoli, Bishoy Faltas, Michael Shusterman, Cora N. Sternberg, Olivier Elemento, Juan Miguel Mosquera Tumor-immune microenvironment revealed by Imaging Mass Cytometry in a metastatic sarcomatoid urothelial carcinoma with a prolonged response to pembrolizumab Cold Spring Harbor Molecular Case Studies 2022-04-01 [PMID: 35483877]





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### **Products Related to NBP2-70357**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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