

# Product Datasheet

## CD4 Antibody (OTI5D9) NBP2-46149

Unit Size: 0.1 ml

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

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**NBP2-46149**

CD4 Antibody (OTI5D9)

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI5D9
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	48.3 kDa

**Product Description**

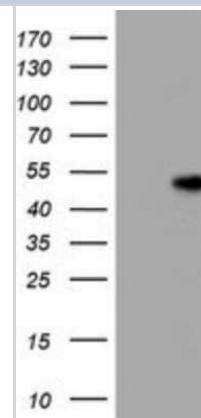
<b>Description</b>	Novus Biologicals Mouse CD4 Antibody (OTI5D9) (NBP2-46149) is a monoclonal antibody validated for use in IHC and WB. Anti-CD4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	920
<b>Gene Symbol</b>	CD4
<b>Species</b>	Human, Monkey
<b>Immunogen</b>	Full length human recombinant protein of human CD4 Antibody (NP_000607) produced in HEK293T cell.

**Product Application Details**

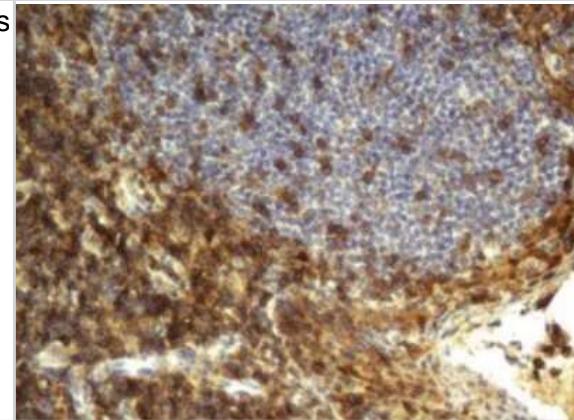
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin

## Images

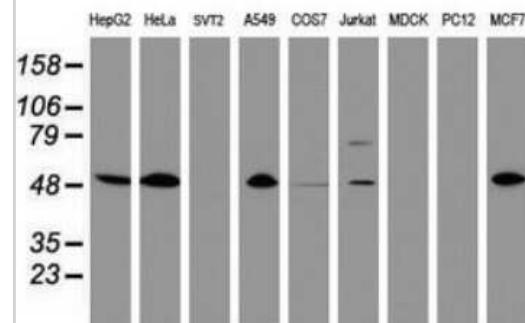
Western Blot: CD4 Antibody (OTI5D9) [NBP2-46149] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD4.



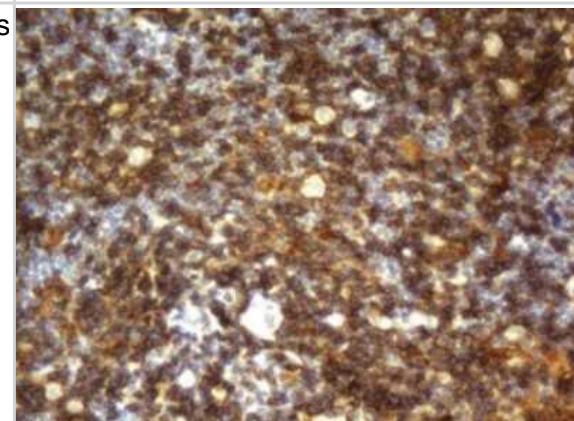
Immunohistochemistry: CD4 Antibody (OTI5D9) [NBP2-46149] - Analysis of Human tonsil tissue.



Western Blot: CD4 Antibody (OTI5D9) [NBP2-46149] - Analysis of extracts (35ug) from 9 different cell lines (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemistry: CD4 Antibody (OTI5D9) [NBP2-46149] - Analysis of Human lymphoma tissue.



## Publications

Elizaldi SR, Hawes CE, Verma A et Al. Chronic SIV-Induced neuroinflammation disrupts CCR7+ CD4+ T cell immunosurveillance in the rhesus macaque brain J Clin Invest 2024-03-12 [PMID: 38470479]

Balzano T, Del Rey NL, Esteban-García N et Al. Neurovascular and immune factors of vulnerability of substantia nigra dopaminergic neurons in non-human primates NPJ Parkinsons Dis 2024-06-17 [PMID: 38886348]

Davies S, Ronca V, Wootton G et al. Expression of E-cadherin by large CD103+ CD69+ CD8+ T cells promotes their invasion into biliary epithelial cells Research Square 2023-02-17 (Immunohistochemistry)



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## Products Related to NBP2-46149

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-19371PEP	CD4 Antibody Blocking Peptide

## 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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