

# Product Datasheet

## CD20 Antibody (OTI4B4) NBP2-45454

Unit Size: 0.1 ml

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

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**NBP2-45454**

CD20 Antibody (OTI4B4)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4B4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	32.9 kDa

Product Description	
Description	Novus Biologicals Mouse CD20 Antibody (OTI4B4) (NBP2-45454) is a monoclonal antibody validated for use in IHC and WB. Anti-CD20 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	931
Gene Symbol	MS4A1
Species	Human, Mouse, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human MS4A1 (NP_068769) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin 1:150



**Images**

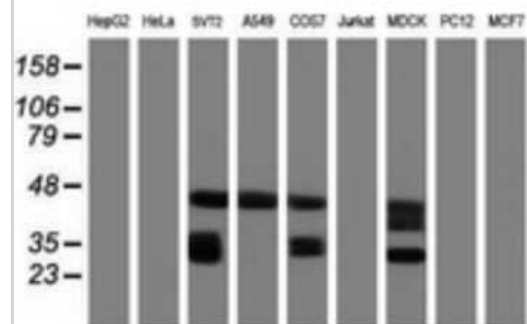
Western Blot: CD20 Antibody (OTI4B4) [NBP2-45454] - Expression of CD20 in 5 B cell lymphoma cell lines (Raji, Ly10, Daudi, CCL-155, and Ramos). Image submitted by a verified customer review.



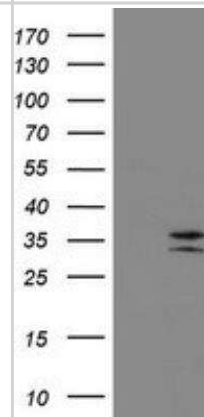
Immunohistochemistry-Paraffin: MS4A1/CD20 Antibody (4B4) [NBP2-45454] - Analysis of Human tonsil tissue.



Western Blot: MS4A1/CD20 Antibody (4B4) [NBP2-45454] - 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).



Western Blot: MS4A1/CD20 Antibody (4B4) [NBP2-45454] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MS4A1.



## Publications

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]

El-Naseery NI, Elewa YHA, El-Behery EI, Dessouky AA Human umbilical cord blood-derived mesenchymal stem cells restored hematopoiesis by improving radiation induced bone marrow niche remodeling in rats Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft 2023-07-15 [PMID: 37460043] (IHC-P, Rat)

Details:

1:1000 dilution

Tsugami Y, Nakayama S, Suzuki N et al. Investigating mammary glands of lactating goats for the presence of tertiary lymphoid organs Frontiers in immunology 2022-08-10 [PMID: 36032165] (IHC-P, Goat)

Details:

Mammary gland tissue from Tokara and Shiba Goats

Benvenuto M, Ciuffa S, Focaccetti C et al. Proteasome inhibition by bortezomib parallels a reduction in head and neck cancer cells growth, and an increase in tumor-infiltrating immune cells Scientific reports 2021-09-24 [PMID: 34561494] (IHC-P, Mouse)





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### **Products Related to NBP2-45454**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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