

Nur für Forschungszwecke

# CD20 Polyklonaler Antikörper

Katalog-Nr.: 24828-1-AP

3 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
24828-1-AP

Größe:  
150ul, Konzentration: 250 µg/ml von  
Nanodrop und 253 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG17309

GenBank-Zugangsnummer:  
BC002807

GeneID (NCBI):  
931

Vollständiger Name:  
membrane-spanning 4-domains,  
subfamily A, member 1

Berechnete Masse:  
297 aa, 33 kDa

Beobachtete Masse:  
35 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:1000-1:8000  
IP 0.5-4.0 µg für IP und 1:500-1:1000  
für WB  
IHC 1:500-1:2000  
IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

**Hinweis-IHC: Antigenmaskierung mit TE-  
Puffer pH 9,0 empfohlen. (\*) Wahlweise  
kann die Antigenmaskierung auch mit  
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : Daudi-Zellen, Raji-Zellen, Ramos-Zellen

IP : Raji-Zellen,

IHC : humanes Tonsillitisgewebe, humanes  
Kolonkarzinomgewebe, humanes Lymphomgewebe,  
humanes Mammakarzinomgewebe

IF : humanes Tonsillitisgewebe, Raji-Zellen

## Hintergrundinformationen

CD20 is a 33-37 kDa transmembrane phosphoprotein. CD20 is a B-lymphocyte surface molecule that is widely expressed during B-cell ontogeny, from early pre-B-cell developmental stages until final differentiation into plasma cells. CD20 functions as calcium-permeable cation channel. It is involved in the regulation of B-cell activation and proliferation. CD20 serves as a useful target for antibody-mediated therapeutic depletion of B-cells.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
A Zietzer	27770498	Acta Physiol (Oxf)	WB
Sirui Qian	35020842	Clin Exp Immunol	IHC
Wu-Hu Zhang	33055204	J Immunother Cancer	IHC

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

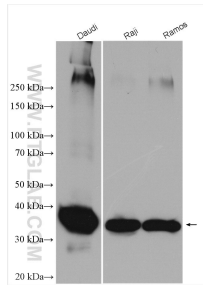
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

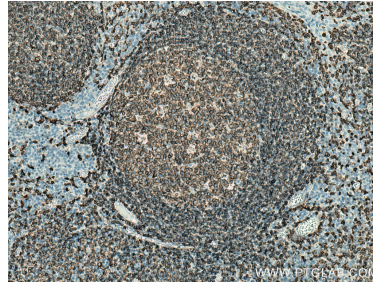
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech  
Group brand and is not available to purchase from any  
other manufacturer.

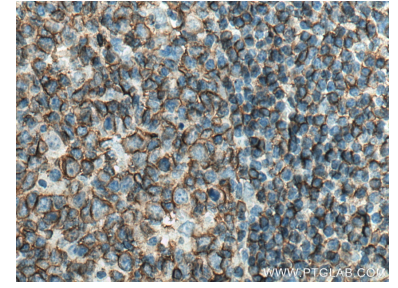
## Ausgewählte Validierungsdaten



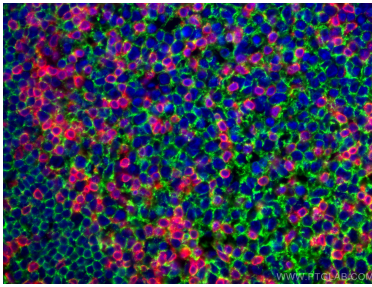
Various lysates were subjected to SDS PAGE followed by western blot with 24828-1-AP (CD20 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



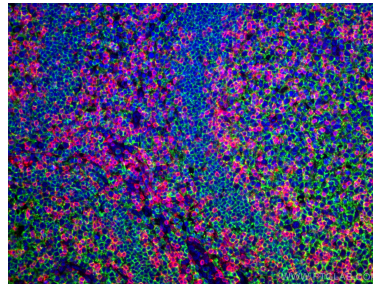
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24828-1-AP (CD20 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



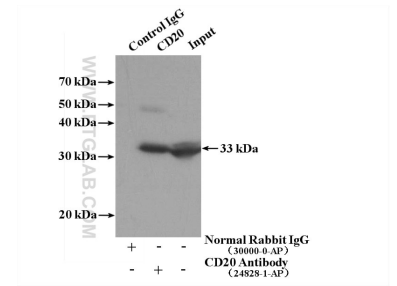
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 24828-1-AP (CD20 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



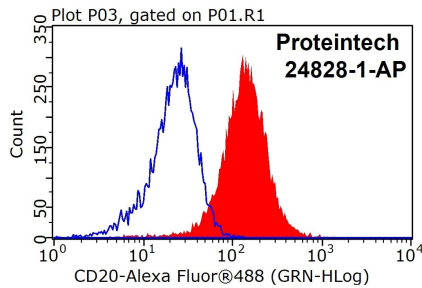
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD20 antibody (24828-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CD3 antibody (60181-1-Ig, Clone: 3F3A1, red).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD20 antibody (24828-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CD3 antibody (60181-1-Ig, Clone: 3F3A1, red).



IP Result of anti-CD20 (IP:24828-1-AP, 4ug; Detection:24828-1-AP 1:600) with Raji cells lysate 1440ug.



1X10<sup>6</sup> Raji cells were stained with 0.2ug MS4A1, CD20 antibody (24828-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-Goat anti-Rabbit IgG with dilution 1:100.