

Allgemeine Informationen

Katalog-Nr.: 23973-1-AP	GenBank-Zugangsnummer: BC033583	Reinigungsmethode: Antigen-affinitätsgereinigt
Größe: 150ul , Konzentration: 400 µg/ml von Nanodrop und 220 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 914	Empfohlene Verdünnungen: WB 1:1000-1:6000 IHC 1:20-1:200 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: CD2 molecule	
Isotyp: IgG	Berechnete Masse: 351 aa, 39 kDa	
Immunogen Katalognummer: AG21122	Beobachtete Masse: 55 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB,ELISA	Positivkontrollen: WB : Jurkat-Zellen, IHC : humanes Tonsillitisgewebe, IF : Jurkat-Zellen,
Getestete Reaktivität: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

CD2 is a cell surface glycoprotein present on a majority of thymocytes, all mature T cells and subset of NK cells but not on B lymphocytes. It is a pan T-cell marker. CD2 interacts with lymphocyte function-associated antigen (LFA-3/CD58) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

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

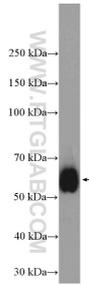
For technical support and original validation data for this product please contact:

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

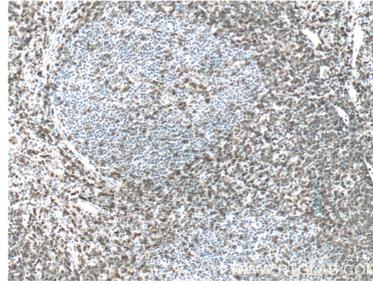
E: proteintech@ptglab.com
W: ptglab.com

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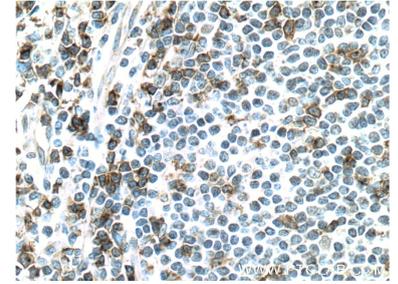
Ausgewählte Validierungsdaten



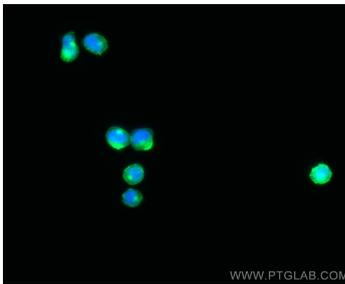
Jurkat cells were subjected to SDS PAGE followed by western blot with 23973-1-AP (CD2 Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



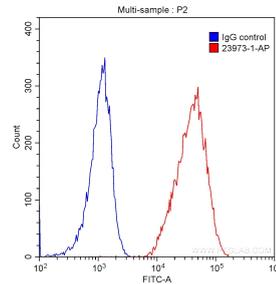
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 23973-1-AP (CD2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 23973-1-AP (CD2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using 23973-1-AP (CD2 antibody), at dilution of 1:200 and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 Jurkat cells were stained with 0.20 ug Anti-Human CD2 (23973-1-AP) (red) or 0.20 ug isotype control antibody (blue) and CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000. Cells were fixed with 90% MeOH.