

Allgemeine Informationen

Katalog-Nr.:
16669-1-AP

Größe:
150ul , Konzentration: 300 µg/ml von
Nanodrop und 260 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG10148

GenBank-Zugangsnummer:
BC070321

GeneID (NCBI):
915

Vollständiger Name:
CD3d molecule, delta (CD3-TCR
complex)

Berechnete Masse:
171 aa, 19 kDa

Beobachtete Masse:
20-25 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:3000
IP 0.5-4.0 ug für IP und 1:500-1:1000
für WB
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : Jurkat-Zellen, Maus-Thymusgewebe, Ratten-
Thymusgewebe

IP : Jurkat-Zellen,

IF : humanes Tonsillitisgewebe,

Hintergrundinformationen

CD3 is a complex of proteins that directly associates with the T cell receptor (TCR). The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta. The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction. CD3 is considered to be a pan-T cell marker for detection of normal and neoplastic T cells.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuji Fukushima	36130493	Cell Rep	WB,IP
Marie Klintman	27179111	Clin Cancer Res	
Binghao Li	29735547	Cancer Res	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**

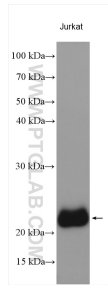
For technical support and original validation data for this product please contact:

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

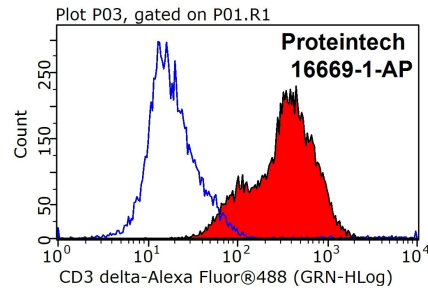
E: proteintech@ptglab.com
W: ptglab.com

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

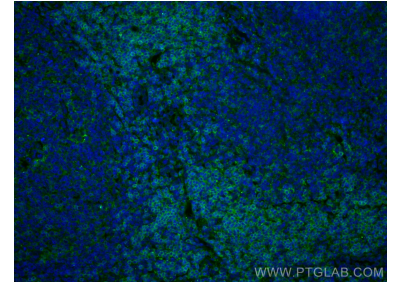
Ausgewählte Validierungsdaten



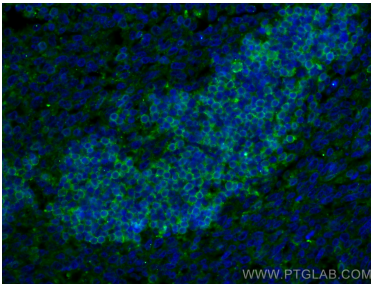
Jurkat cells were subjected to SDS PAGE followed by western blot with 16669-1-AP (CD3 delta antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



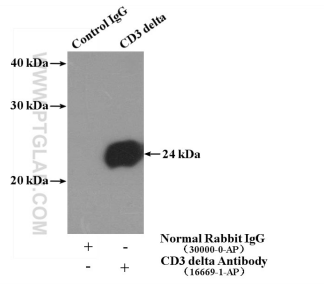
1X10⁶ Jurkat cells were stained with 0.5ug CD3 delta antibody (16669-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 Delta antibody (16669-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD3 Delta antibody (16669-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-CD3 delta (IP:16669-1-AP, 4ug; Detection:16669-1-AP 1:800) with Jurkat cells lysate 2800ug.