

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 60306-1-Ig	<b>GenBank-Zugangsnummer:</b> BC070338	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 2600 µg/ml von3558 Nanodrop und 2000 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> interleukin 2	<b>CloneNo.:</b> 2F11C5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> interleukin 2	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:200-1:800
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 153 aa, 18 kDa	
<b>Immunogen Katalognummer:</b> AG10199	<b>Beobachtete Masse:</b> 18 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, IHC, WB, ELISA	<b>Positivkontrollen:</b> WB : Jurkat-Zellen, humane Leukozyten (WBC)
<b>In Publikationen genannte Anwendungen:</b> IHC, WB	<b>IHC :</b> humanes Tonsillitisgewebe, humanes Mammakarzinomgewebe
<b>Getestete Reaktivität:</b> Human	<b>IF :</b> humanes Tonsillitisgewebe,
<b>Zitierte Arten:</b> Hausschwein, Human, Maus	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

IL2 is a secreted cytokine involved in the operation and regulation of immune system. IL2 plays a pivotal role in T-cell activation and effector functions, including T cell proliferation, interferon- $\gamma$  production and cytotoxicity. IL2 can stimulate the propagation of lymphocytes and induce the cytotoxic T lymphocytes and lymphokine-activated killer cells for tumor cells. IL2 also influences memory T cell homeostasis through the regulation of memory T cell numbers and enhances major histocompatibility complex II (MHC II) expression on tumor cells.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Chengfen Wang	25264893	PLoS One	WB
Hai-long Yang	34657991	Inflammation	WB
Yinrui Guo	34045460	Transl Psychiatry	WB

## Lagerung

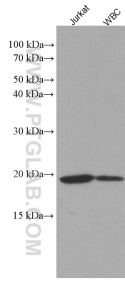
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

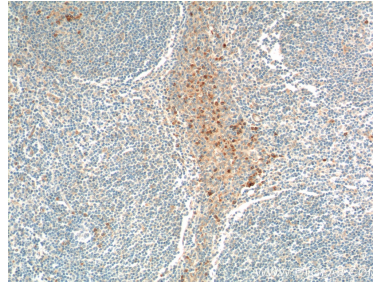
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

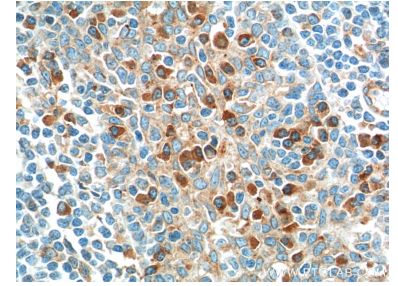
## Ausgewählte Validierungsdaten



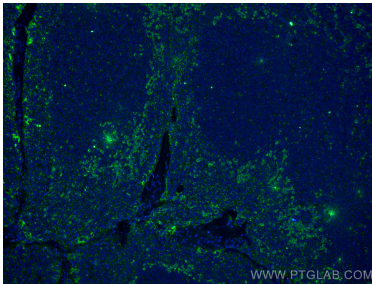
Jurkat cells and human white blood cells (WBC) were subjected to SDS PAGE followed by western blot with 60306-1-Ig (IL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



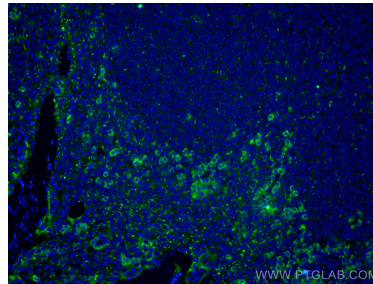
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60306-1-Ig (IL2 Antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60306-1-Ig (IL2 Antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using IL-2 antibody (60306-1-Ig, Clone: 2F11C5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using IL-2 antibody (60306-1-Ig, Clone: 2F11C5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).