

À des fins de recherche uniquement

# Anticorps Monoclonal anti-IL-2

Numéro de catalogue: 60306-1-Ig **7 Publications**



## Informations de base

|   |   |  |
|---|---|--|
| Numéro de catalogue:<br>60306-1-Ig  | Numéro d'acquisition GenBank:<br>BC070338       | Méthode de purification:<br>Purification par protéine A                        |
| Taille:<br>150ul , Concentration: 2600 µg/ml by Nanodrop and 2000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI):<br>interleukin 2 | CloneNo.:<br>2F11C5  |
| Hôte:<br>Mouse  | Nom complet:<br>interleukin 2                   | Dilutions recommandées:<br>WB 1:500-1:2000<br>IHC 1:20-1:200<br>IF 1:200-1:800 |
| Isotype:<br>IgG2a   | MW calculé:<br>153 aa, 18 kDa                   |  |
| Immunogen Catalog Number:<br>AG10199  | MW observés:<br>18 kDa                          |  |

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, porc, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules Jurkat, globules blancs (GB) humains

IHC : tissu d'amygdalite humain, tissu de cancer du sein humain

IF : tissu d'amygdalite humain,

## Informations générales

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.

## Publications notables

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

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

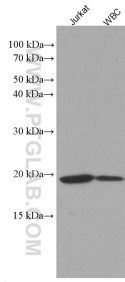
For technical support and original validation data for this product please contact:

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

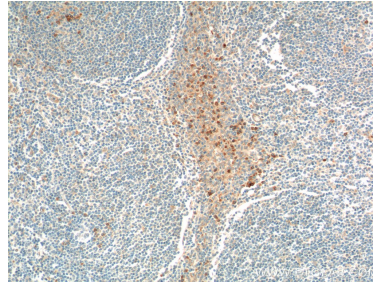
E: proteintech@ptglab.com  
W: ptglab.com

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

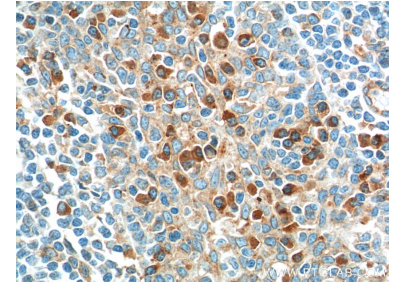
## Données de validation sélectionnées



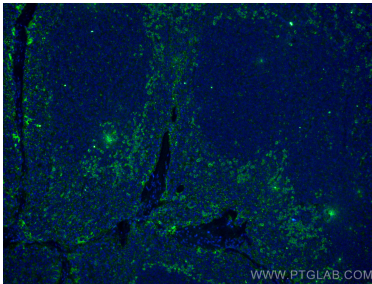
Jurkat cells and human white blood cells (WBC) were subjected to SDS PAGE followed by western blot with 60306-1-Ig (IL2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



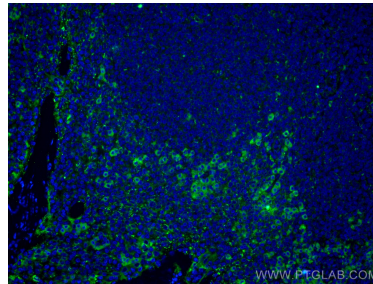
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60306-1-Ig (IL2 Antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



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).