

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD90

Numéro de catalogue: 66766-1-Ig **24 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 66766-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC065559	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 2300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 7070	<b>CloneNo.:</b> 2D7D11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> Thy-1 cell surface antigen	<b>Dilutions recommandées:</b> WB 1:2000-1:10000 IHC 1:500-1:2000 IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>MW calculé:</b> 161 aa, 18 kDa	
<b>Immunogen Catalog Number:</b> AG25603	<b>MW observés:</b> 28 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

FC, IF, IHC, WB

### Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

### Espèces citées:

bovin, Humain, Lapin, rat, 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 :** tissu cérébral humain fœtal, cellules U2OS, tissu cérébral de lapin, tissu cérébral de porc, tissu de côlon de porc, tissu rénal humain, tissu splénique de porc

**IHC :** tissu d'amygdalite humaine, tissu de cancer du côlon humain, tissu de cancer du poumon humain, tissu de gliome humain, tissu hépatique de souris

**IF :** tissu d'amygdalite humaine,

## Informations générales

CD90, also known as THY1, is a 25-35 kD protein that is expressed on 1-4% of human fetal liver cells, cord blood cells, and bone marrow cells. CD90 is one of the essential surface molecules expressed on human MSC from bone marrow and other sources. Activation of Thy-1 has been reported to promote T cell activation. It also affects numerous nonimmunologic biological processes, including cellular adhesion, neurite outgrowth, tumor growth, migration, and cell death.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Muhua Huang	34493162	Pharm Biol	IF
Yunan Wang	36370625	Tissue Cell	IF
Qi Li	32125888	Cell Reprogram	

## 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.

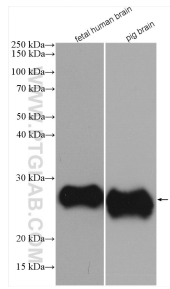
For technical support and original validation data for this product please contact:

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

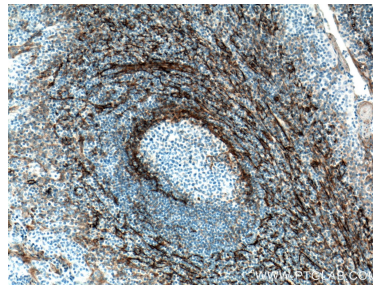
E: proteintech@ptglab.com  
W: ptglab.com

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

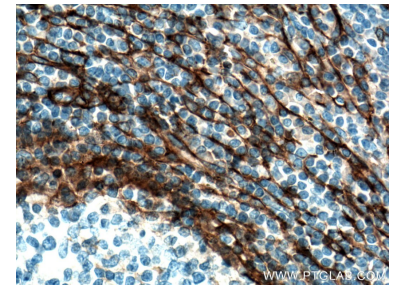
## Données de validation sélectionnées



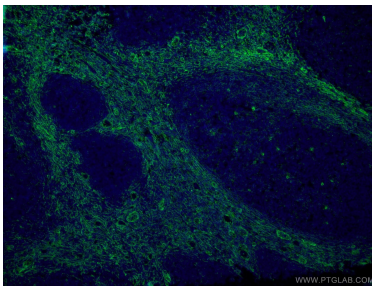
Various lysates were subjected to SDS PAGE followed by western blot with 66766-1-Ig (CD90 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



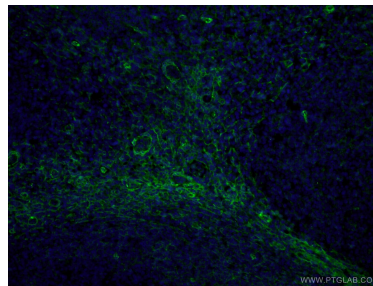
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66766-1-Ig (CD90 antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66766-1-Ig (CD90 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 66766-1-Ig (CD90 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66766-1-Ig (CD90 antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).