

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TIM3

Numéro de catalogue: 60355-1-Ig **15 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 60355-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC020843	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul, Concentration: 1491 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 84868	<b>CloneNo.:</b> 4C4G3
<b>Hôte:</b> Mouse	<b>Nom complet:</b> hepatitis A virus cellular receptor 2	<b>Dilutions recommandées:</b> WB 1:1000-1:10000
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 301 aa, 33 kDa	
<b>Immunogen Catalog Number:</b> AG16901	<b>MW observés:</b> 33 kDa, 50-70 kDa	

## Applications

### Applications testées:

FC, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, porc, rat, souris

### Espèces citées:

Humain, porc, souris

### Contrôles positifs:

WB : cellules Daudi, cellules Jurkat, cellules PC-3, cellules RAW 264.7, cellules ROS1728, tissu cardiaque de rat, tissu cardiaque humain, tissu de thymus de porc

## Informations générales

TIM3, also known as HAVCR2, is a member of the recently discovered T cell Ig and mucin domain-containing molecule superfamily. TIM3 is a negative regulatory molecule that is important for T cell tolerance and has a crucial role in autoimmunity and T cell exhaustion during chronic viral infection (PMID: 23180819). TIM3 is expressed by T-helper type 1 (Th1) cells, macrophage, monocyte, dendritic cells, CD8+ T cell and other lymphocyte subsets. Galectin-9 is a ligand for TIM3. TIM3-galectin-9 pathway negatively regulates T helper type 1 immunity (PMID: 16286920). TIM3 is a 280-aa membrane protein with a calculated molecular weight of 33 kDa, the higher molecular weights between 50 and 70 kDa detected by this monoclonal antibody probably represent glycosylated TIM3 (PMID: 20107545; 17069754; 11725301).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Qing Guo	36325060	iScience	WB,IHC,IF
Fan Wu	32418210	J Pathol	IHC
Inés Ruedas-Torres	34046040	Front Immunol	IHC

## 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.**

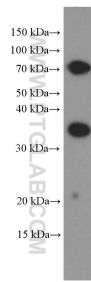
For technical support and original validation data for this product please contact:

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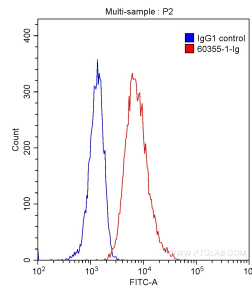
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



Daudi cells were subjected to SDS PAGE followed by western blot with 60355-1-Ig (TIM3 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  Daudi cells were stained with 0.20  $\mu$ g Anti-Human TIM3 (60355-1-Ig, Clone: 4C4G3) (red) or 0.20  $\mu$ g isotype control antibody (blue) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Cells were fixed with 90% MeOH.