

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ANGPTL4



Numéro de catalogue: 67577-1-Ig **1 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 67577-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC023647	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 51129	<b>CloneNo.:</b> 1D2H6
<b>Hôte:</b> Mouse	<b>Nom complet:</b> angiopoietin-like 4	<b>Dilutions recommandées:</b> WB 1:1000-1:5000 IF 1:200-1:800
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 45 kDa	
<b>Immunogen Catalog Number:</b> AG30070	<b>MW observés:</b> 45-50 kDa	

## Applications

<b>Applications testées:</b> IF, WB, ELISA	<b>Contrôles positifs:</b>
<b>Demandes citées:</b> IF, WB	<b>WB :</b> tissu placentaire humain, cellules A549, cellules Caco-2, cellules COLO 320, cellules HT-29, tissu cérébral de souris
<b>Spécificité de l'espèce:</b> Humain, souris	<b>IF :</b> cellules NIH/3T3,
<b>Espèces citées:</b> Humain	

## Informations générales

Angiopoietin-like protein 4 (ANGPTL4), a member of the angiopoietin-like protein subfamily, is a secretory protein that functions as an important modulator of glucose and lipid metabolism. ANGPTL4 inhibits lipoprotein lipase (LPL)-dependent lipolysis thereby limiting the uptake of free fatty acids. Overexpression of ANGPTL4 results in hypertriglyceridemia, while ANGPTL4 deficiency suppresses foam formation in macrophages and protects against atherosclerosis. ANGPTL4 may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. ANGPTL4 has three isoforms, 45 kDa, 41 kDa and 27 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xingzhao Ji	36352407	BMC Biol	WB,IF

## Stockage

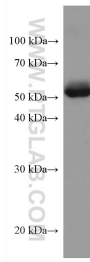
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

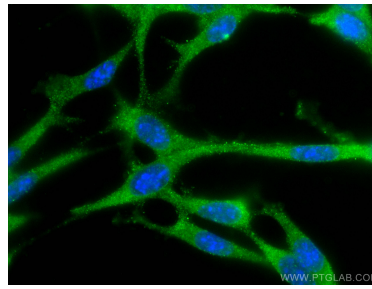
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



human placenta tissue were subjected to SDS PAGE followed by western blot with 67577-1-Ig (ANGPTL4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using ANGPTL4 antibody (67577-1-Ig, Clone: 1D2H6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).