

À des fins de recherche uniquement

Anticorps Monoclonal anti-ORM1/2

Numéro de catalogue: 66097-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66097-1-Ig	Numéro d'acquisition GenBank: BC026238	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5004	CloneNo.: 5F2H7
Hôte: Mouse	Nom complet: orosomucoïd 1	Dilutions recommandées: WB 1:2000-1:20000 IHC 1:50-1:500 IF 1:10-1:100
Isotype: IgG1	MW calculé: 201 aa, 24 kDa	
Immunogen Catalog Number: AG19248	MW observés: 40-47 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

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 plasmatique humain, cellules HuH-7, tissu testiculaire humain

IHC : tissu de cancer du foie humain, tissu hépatique humain

IF : cellules HepG2,

Informations générales

Alpha-1-acid glycoprotein 1 (AGP1), also called orosomucoïd-1 (ORM1), is a glycoprotein synthesized mostly by hepatocytes and present in human plasma. ORM1 is an acute-phase reactant protein controlled by glucocorticoids, interleukin-1 and interleukin-6, and increase up to 5-50 times upon infection and/or inflammation. Anti-apoptotic effect and role as immunomodulator of ORM have been reported. ORM is an important carrier for synthetic drugs and influences their distribution and availability in the body. This antibody recognizes a band about 44 kDa in human plasma which may be due to the glycosylation of ORM1 or the dimer formation of the protein. This antibody recognizes both ORM1 and ORM2.

Publications notables

Autrice	Pubmed ID	Journal	Application
Luo Qiong	34654351	Bioengineered	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.**

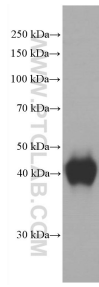
For technical support and original validation data for this product please contact:

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

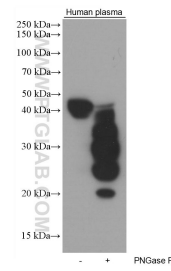
E: proteintech@ptglab.com
W: ptglab.com

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

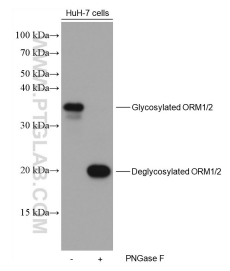
Données de validation sélectionnées



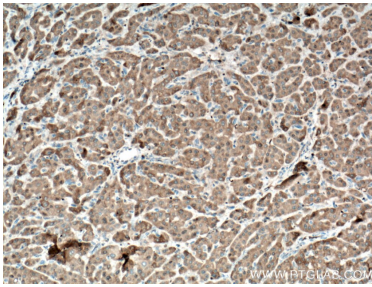
0.8µL human plasma were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



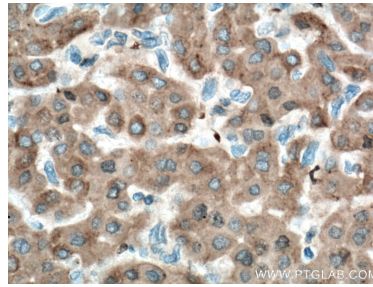
Untreated and PNGase F-treated lysates of human plasma were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



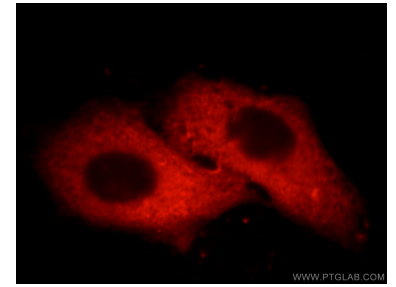
Untreated and PNGase F-treated lysates of HuH-7 cells were subjected to SDS PAGE followed by western blot with 66097-1-Ig (ORM1/2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808).



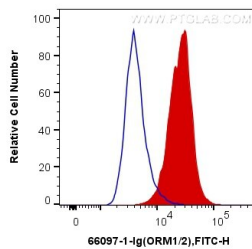
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of () fixed HepG2 cells using 66097-1-Ig (ORM1/2 antibody) at dilution of 1:25.



1X10⁶ HepG2 cells were intracellularly stained with 0.2 µg Anti-Human ORM1/2 (66097-1-Ig, Clone:5F2H7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 µg Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).