

For Research Use Only

CoraLite® Plus 647-conjugated ORM1/2 Monoclonal antibody



Catalog Number:CL647-66097

Basic Information

Catalog Number: CL647-66097	GenBank Accession Number: BC026238	Purification Method: Protein G purification
Size: 100ul , Concentration: 1 mg/mL by Nanodrop;	GeneID (NCBI): 5004	CloneNo.: 5F2H7
Source: Mouse	Full Name: orosomucoid 1	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1	Calculated MW: 201 aa, 24 kDa	
Immunogen Catalog Number: AG19248	Observed MW: 40-47 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

Alpha-1-acid glycoprotein 1 (AGP1), also called orosomucoid-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.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

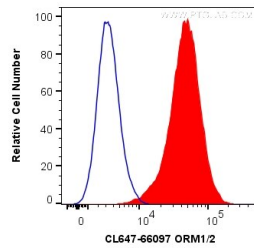
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% 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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Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human ORM1/2 (CL647-66097, Clone:5F2H7) (red), or 0.2 ug APC-65124; APC Mouse IgG1 Isotype Control (APC-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).