

For Research Use Only

# ABCF1 Recombinant antibody, PBS Only



Catalog Number: 82891-1-PBS

## Basic Information

<b>Catalog Number:</b> 82891-1-PBS	<b>GenBank Accession Number:</b> BC034488	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 23	<b>CloneNo.:</b> 230131F8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NE71	
<b>Isotype:</b> IgG	<b>Full Name:</b> ATP-binding cassette, sub-family F (GCN20), member 1	
<b>Immunogen Catalog Number:</b> AG5061	<b>Calculated MW:</b> 92 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, FC

**Species Specificity:**  
Human

## Background Information

ABCF1, also known as ABC27, and ABC50, is a member of the superfamily of ATP-binding cassette (ABC) transporters and contains two ABC transporter domains. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). Unlike other members of the superfamily, ABCF1 lacks the transmembrane domains that are characteristic of most ABC transporters. ABCF1 may be regulated by tumor necrosis factor-alpha and play a role in the enhancement of protein synthesis and thus participate in the inflammatory processes (PMID: 9790762).

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

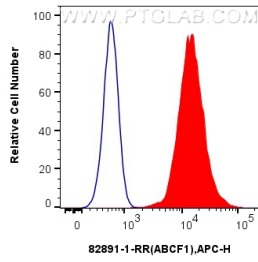
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## Selected Validation Data



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.5 ug Anti-Human ABCF1 (82891-1-RR, Clone:230131F8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.5 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone: ) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82891-1-PBS in a different storage buffer formulation.

