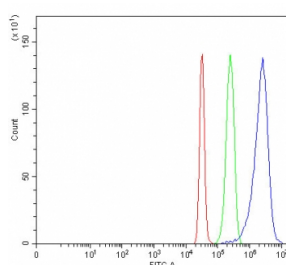


## Plasmolipin Antibody / PLLP (RQ8061)

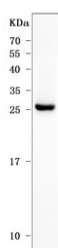
Catalog No.	Formulation	Size
RQ8061	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9Y342
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Plasmolipin antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human HepG2 cells with Plasmolipin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Plasmolipin antibody.



Western blot testing of human HepG2 cell lysate with Plasmolipin antibody. Predicted molecular weight ~20 kDa.

## Description

PLLP (Plasmolipin, also known as PMLP and TM4SF11), located on 16q13, is a Protein Coding gene. The gene produces a 19987 Da protein composed of 182 amino acids. Plasmolipin (PLLP) is a novel protein identified in human corneal epithelium and has been demonstrated to have a key role in epithelial cell differentiation in other tissues. Plasmolipin is a hydrophobic plasma membrane proteolipid present in both the kidney and brain. The mouse plasmolipin gene has the common organization of the 4-transmembrane (4TM) gene group, with 4 exons and a large first intron.

## Application Notes

Optimal dilution of the Plasmolipin antibody should be determined by the researcher.

## Immunogen

E. coli-derived recombinant human protein (amino acids M1-A142) was used as the immunogen for the Plasmolipin antibody.

## Storage

After reconstitution, the Plasmolipin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.