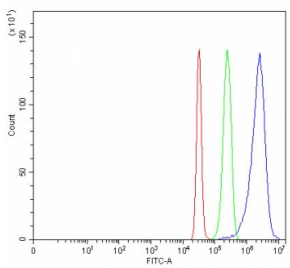
Plasmolipin Antibody / PLLP (RQ8061)

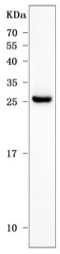
Catalog No.	Formulation	Size
RQ8061	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9Y342
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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