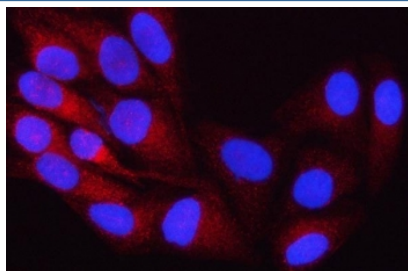


ORP8 Antibody / Oxysterol-binding protein-related protein 8 / OSBPL8 (RQ7942)

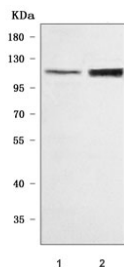
Catalog No.	Formulation	Size
RQ7942	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

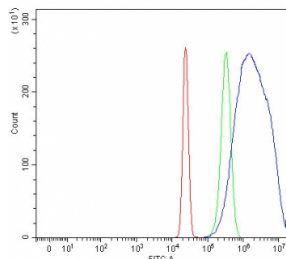
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9BZF1
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ORP8 antibody is available for research use only.



Immunofluorescent staining of FFPE human HeLa cells with ORP8 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) 293T and 2) HEL cell lysate with ORP8 antibody.
Predicted molecular weight ~101 kDa.



Flow cytometry testing of human HepG2 cells with ORP8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ORP8 antibody.

Description

Oxysterol-binding protein-related protein 8 is a protein that in humans is encoded by the OSBPL8 gene. This gene encodes a member of a family of proteins containing an N-terminal pleckstrin homology domain and a highly conserved C-terminal oxysterol-binding protein-like sterol-binding domain. It binds multiple lipid-containing molecules, including phosphatidylserine, phosphatidylinositol 4-phosphate (PI4P) and oxysterol, and promotes their exchange between the endoplasmic reticulum and the plasma membrane. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the ORP8 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D33-K889) was used as the immunogen for the ORP8 antibody.

Storage

After reconstitution, the ORP8 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.