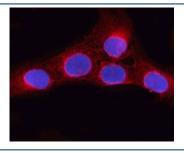


ORP9 Antibody / OSBPL9 (RQ7958)

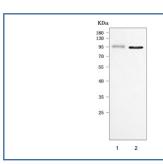
Catalog No.	Formulation	Size
RQ7958	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

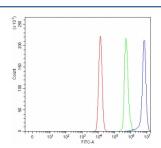
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96SU4
Localization	Cytoplasm
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence (FFPE) : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This ORP9 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with ORP9 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat and 2) mouse testis tissue lysate with ORP9 antibody. Predicted molecular weight: 63-84 kDa (multiple isoforms).



Flow cytometry testing of human Raji cells with ORP9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ORP9 antibody.

Description

Oxysterol binding protein-like 9, also called OSBP-related protein 9 (ORP9) is a protein that in humans is encoded by the OSBPL9 gene. This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. This family member functions as a cholesterol transfer protein that regulates Golgi structure and function. Multiple transcript variants, most of which encode distinct isoforms, have been identified. Related pseudogenes have been identified on chromosomes 3, 11 and 12.

Application Notes

Optimal dilution of the ORP9 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D27-K652) was used as the immunogen for the ORP9 antibody.

Storage

After reconstitution, the ORP9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.