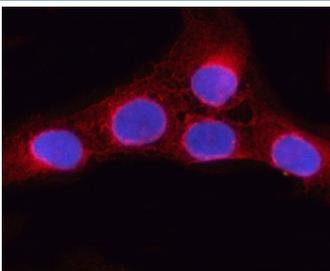


## ORP9 Antibody / OSBPL9 (RQ7958)

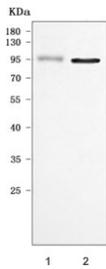
Catalog No.	Formulation	Size
RQ7958	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### Bulk quote request

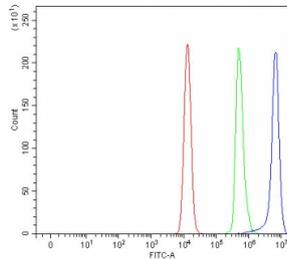
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose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



ORP9 Antibody IF. 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.



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



ORP9 Antibody FACS. 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

ORP9 Antibody detects Oxysterol binding protein-like 9, also called OSBP-related protein 9 (ORP9), 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.

This antibody is part of a [broader antibody panel](#) offered by NSJ Bioreagents.

## 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.

## Alternate Names

OSBPL9 antibody, ORP9 antibody, OSBP4 antibody, Oxysterol-binding protein-related protein 9 antibody

