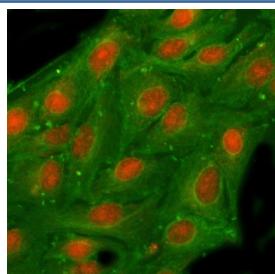


## NSFL1C Antibody / NSFL1 cofactor p47 (RQ8636)

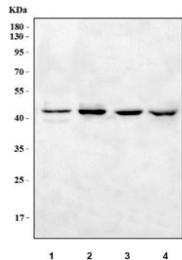
Catalog No.	Formulation	Size
RQ8636	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

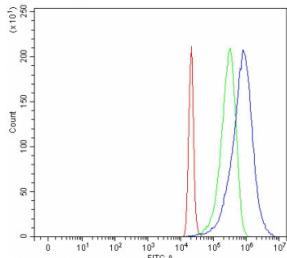
<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q9UNZ2
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This NSFL1C antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with NSFL1C antibody (red) and Beta Tubulin mAb (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human Jurkat, 2) human PC-3, 3) rat RH35 and 4) mouse NIH 3T3 cell lysate with NSFL1C antibody. Predicted molecular weight ~41 kDa.



Flow cytometry testing of fixed and permeabilized human 293T cells with NSFL1C antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= NSFL1C antibody.

## Description

NSFL1 cofactor p47 is a protein that in humans is encoded by the NSFL1C gene. N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of the protein encoded by this gene binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8.

## Application Notes

Optimal dilution of the NSFL1C antibody should be determined by the researcher.

## Immunogen

An E.coli-derived human recombinant protein (amino acids E20-E291) was used as the immunogen for the NSFL1C antibody.

## Storage

After reconstitution, the NSFL1C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.