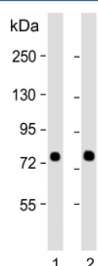


## SRP72 Antibody (F54900)

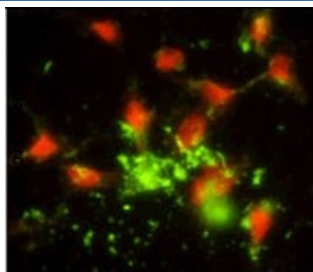
Catalog No.	Formulation	Size
F54900-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54900-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

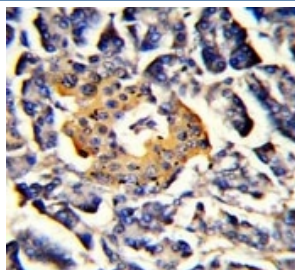
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	O76094
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunofluorescence : 1:25 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells) Western Blot : 1:500-1:2000
<b>Limitations</b>	This SRP72 antibody is available for research use only.



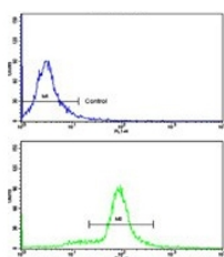
Western blot testing of human 1) HeLa and 2) K562 cell lysate with SRP72 antibody.  
Predicted molecular weight: 68-75 kDa.



Immunofluorescent staining of human HeLa cells with SRP72 antibody (green) and propidium iodide (nuclear, red).



IHC testing of FFPE human pancreas tissue with SRP72 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HeLa cells with SRP72 antibody; Blue=isotype control, Green= SRP72 antibody.

## Description

Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. It binds the 7S RNA only in presence of SRP68. This ribonucleoprotein complex might interact directly with the docking protein in the ER membrane and possibly participate in the elongation arrest function.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the SRP72 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 119-148 from the human protein was used as the immunogen for the SRP72 antibody.

## Storage

Aliquot the SRP72 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

