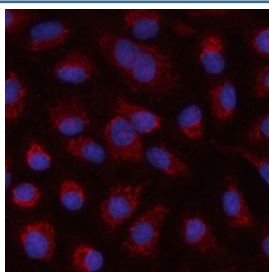


HSPA4L Antibody / Heat shock 70 kDa protein 4L (RQ8806)

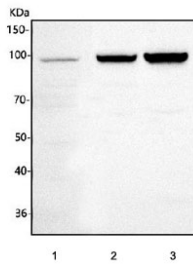
Catalog No.	Formulation	Size
RQ8806	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

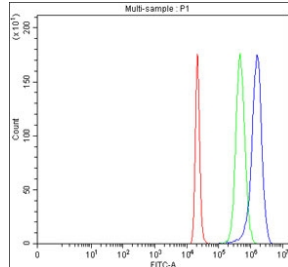
Availability	1-3 days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O95757
Localization	Cytoplasm, Nucleus
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
Limitations	This HSPA4L antibody is available for research use only.



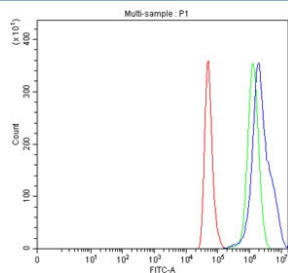
Immunofluorescent staining of FFPE human A549 cells with HSPA4L antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HeLa, 2) rat testis and 3) mouse testis tissue lysate with HSPA4L antibody. Predicted molecular weight ~95 kDa.



Flow cytometry testing of fixed and permeabilized human 293T cells with HSPA4L antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HSPA4L antibody.



Flow cytometry testing of fixed and permeabilized human HeLa cells with HSPA4L antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HSPA4L antibody.

Description

Heat shock 70 kDa protein 4L is a protein that in humans is encoded by the HSPA4L gene. The protein encoded by this gene is heat shock inducible and may act as a chaperone. The encoded protein can protect the heat-shocked cell against the harmful effects of aggregated proteins. This gene is highly expressed in leukemia cells and may be a good target for therapeutic intervention. Several transcripts encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the HSPA4L antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids Q55-K788) was used as the immunogen for the HSPA4L antibody.

Storage

After reconstitution, the HSPA4L Antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

