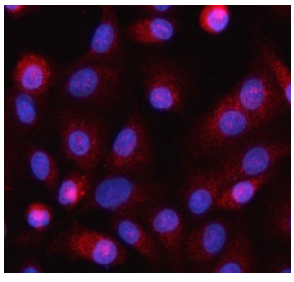
HELZ Antibody / Helicase with zinc finger (RQ8827)

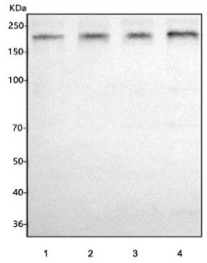
Catalog No.	Formulation	Size
RQ8827	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

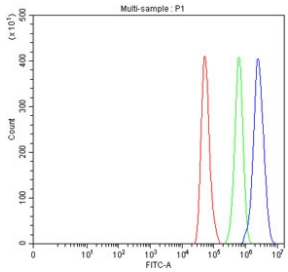
Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P42694
Localization	Nuclear, Actin filaments
Applications	Western blot: 1-2ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells ELISA: 0.1-0.5ug/ml
Limitations	This HELZ antibody is available for research use only.



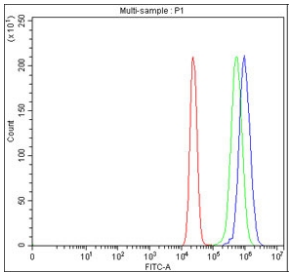
Immunofluorescent staining of FFPE human A549 cells with HELZ antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) MCF7, 3) HEL and 4) K562 cell lysate with HELZ antibody. Predicted molecular weight ~219 kDa.



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



Flow cytometry testing of fixed and permeabilized human MCF7 cells with HELZ antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HELZ antibody.

Description

HELZ, also called Probable helicase with zinc finger domain and Helicase with zinc finger, is a member of the superfamily I class of RNA helicases. RNA helicases alter the conformation of RNA by unwinding double-stranded regions, thereby altering the biologic activity of the RNA molecule and regulating access to other proteins.

Application Notes

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

Immunogen

An E.coli-derived human recombinant protein (amino acids R81-Q743) was used as the immunogen for the HELZ antibody.

Storage

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

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