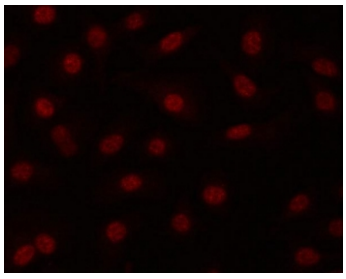
SNEV Antibody / PRP19 / NMP200 (RQ8091)

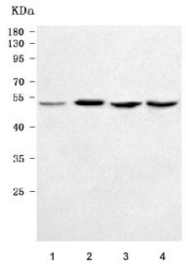
Catalog No.	Formulation	Size
RQ8091	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

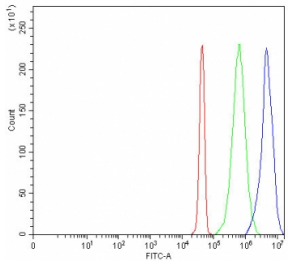
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UMS4
Localization	Nuclear, cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This SNEV antibody is available for research use only.



Immunofluorescent staining of FFPE human A549 cells with SNEV antibody (red). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) HeLa, 2) Jurkat, 3) A431 and 4) MCF7 cell lysate with SNEV antibody. Predicted molecular weight ~55 kDa.



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

Description

Pre-mRNA-processing factor 19, also called PRP19, SNEV (Senescence evasion factor) and NMP200 (Nuclear matrix protein 200), is a protein that in humans is encoded by the PRPF19 gene. Enables identical protein binding activity and ubiquitin-ubiquitin ligase activity. Involved in several processes, including DNA damage checkpoint signaling; cellular protein metabolic process; and mRNA splicing, via spliceosome. Acts upstream of or within protein polyubiquitination. Located in cytoplasm; nuclear speck; and site of double-strand break. Part of Prp19 complex and U2-type catalytic step 2 spliceosome. Colocalizes with DNA replication factor A complex.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids Q51-H359) was used as the immunogen for the SNEV antibody.

Storage

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