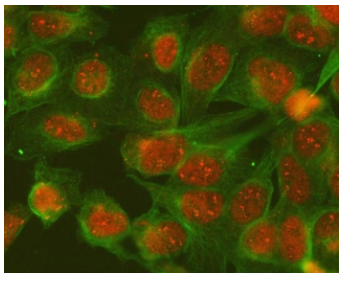
SGTA Antibody / SGT1 (RQ7803)

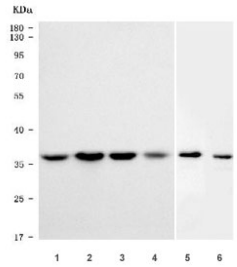
Catalog No.	Formulation	Size
RQ7803	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

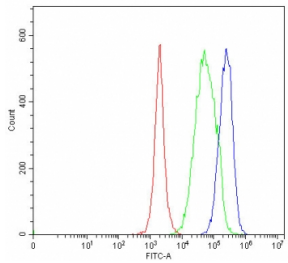
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O43765
Localization	Nuclear, cytoplasmic
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SGTA antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with SGTA antibody (red) and Alpha Tubulin antibody (green). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human HepG2, 2) human MOLT4, 3) human K562, 4) human HeLa, 5) rat liver and 6) mouse liver tissue lysate with SGTA antibody. Predicted molecular weight ~34 kDa.



Flow cytometry testing of human U937 cells with CD59 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD59 antibody.

Description

Small glutamine-rich tetratricopeptide repeat-containing protein alpha is a protein that in humans is encoded by the SGTA gene. This gene encodes a protein which is capable of interacting with the major nonstructural protein of parvovirus H-1 and 70-kDa heat shock cognate protein; however, its function is not known. Since this transcript is expressed ubiquitously in various tissues, this protein may serve a housekeeping function.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids M1-Q282) was used as the immunogen for the SGTA antibody.

Storage

After reconstitution, the SGTA 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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