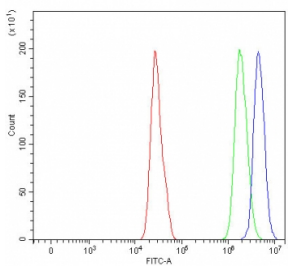
POLR1C Antibody (RQ8085)

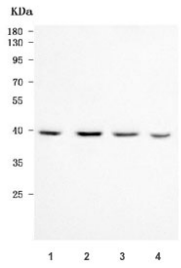
Catalog No.	Formulation	Size
RQ8085	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	O15160
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This POLR1C antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human RT4 cells with POLR1C antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= POLR1C antibody.



Western blot testing of human 1) 293T, 2) K562, 3) HepG2 and 4) RT4 cell lysate with POLR1C antibody. Predicted molecular weight ~39 kDa.

Description

DNA-directed RNA polymerases I and III subunit RPAC1 is a protein that in humans is encoded by the POLR1C gene. The protein encoded by this gene is a subunit of both RNA polymerase I and RNA polymerase III complexes. The encoded protein is part of the Pol core element. Mutations in this gene have been associated with Treacher Collins syndrome (TCS) and hypomyelinating leukodystrophy 11. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the POLR1C antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids K47-D346) was used as the immunogen for the POLR1C antibody.

Storage

After reconstitution, the POLR1C 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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