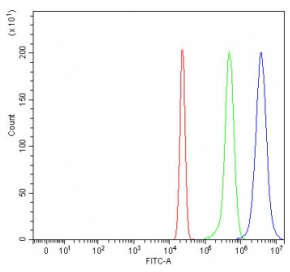
RTEL1 Antibody / Regulator of telomere elongation helicase 1 (RQ7880)

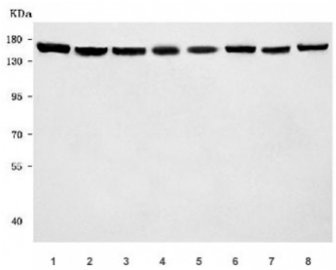
Catalog No.	Formulation	Size
RQ7880	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	Q9NZ71
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RTEL1 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with RTEL1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RTEL1 antibody.



Western blot testing of 1) human HeLa, 2) human HepG2, 3) human PC-3, 4) rat brain, 5) rat testis, 6) rat C6, 7) mouse brain and 8) mouse testis tissue lysate with RTEL1 antibody. Predicted molecular weight ~134 kDa.

Description

Regulator of telomere elongation helicase 1 (RTEL1) is an ATP-dependent DNA helicase implicated in telomere-length regulation, DNA repair and the maintenance of genomic stability. [UniProt]

Application Notes

Optimal dilution of the RTEL1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids D98-K1173) was used as the immunogen for the RTEL1 antibody.

Storage

After reconstitution, the RTEL1 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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