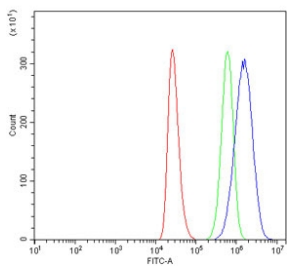
RNF8 Antibody (RQ6678)

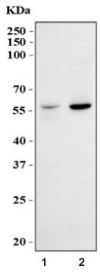
Catalog No.	Formulation	Size
RQ6678	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	O76064
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This RNF8 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with RNF8 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= RNF8 antibody.



Western blot testing of human 1) HeLa and 2) HEK293 cell lysate with RNF8 antibody. Predicted molecular weight ~56 kDa but may be observed at larger sizes due to ubiquitination.

Description

E3 ubiquitin-protein ligase RNF8 is an enzyme that in humans is encoded by the RNF8 gene. The protein encoded by this gene contains a RING finger motif and an FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. This protein is also known to play a role in the DNA damage response and depletion of this protein causes cell growth inhibition and cell cycle arrest. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the RNF8 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R61-F485) was used as the immunogen for the RNF8 antibody.

Storage

After reconstitution, the RNF8 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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