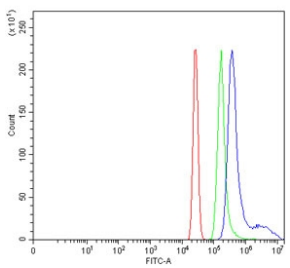
WDR12 Antibody (RQ7381)

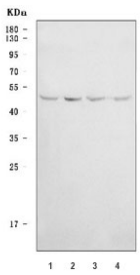
Catalog No.	Formulation	Size
RQ7381	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9GZL7
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This WDR12 antibody is available for research use only.



Flow cytometry testing of human HL60 cells with WDR12 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WDR12 antibody.



Western blot testing of human 1) HeLa, 2) 293T, 3) Jurkat and 4) K562 cell lysate with WDR12 antibody. Predicted molecular weight ~48 kDa.

Description

Ribosome biogenesis protein WDR12 is a protein that in humans is encoded by the WDR12 gene on chromosome 2. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.

Application Notes

Optimal dilution of the WDR12 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R7-D396) was used as the immunogen for the WDR12 antibody.

Storage

After reconstitution, the WDR12 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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