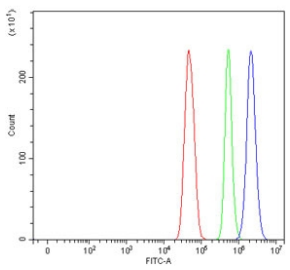
MED17 Antibody / Trap80 / ARC77 (RQ8323)

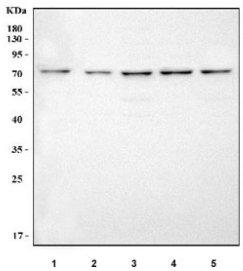
Catalog No.	Formulation	Size
RQ8323	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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	Q9NVC6
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This MED17 antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-251 cells with MED17 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MED17 antibody.



Western blot testing of human 1) Jurkat, 2) Caco-2, 3) SiHa, 4) K562 and 5) HeLa cell lysate with MED17 antibody. Predicted molecular weight ~73 kDa, commonly observed at 73-80 kDa.

Description

Mediator of RNA polymerase II transcription subunit 17 is an enzyme that in humans is encoded by the MED17 gene. The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors.

Application Notes

Optimal dilution of the MED17 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (V4-E561) was used as the immunogen for the MED17 antibody.

Storage

After reconstitution, the MED17 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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