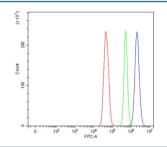


# MED17 Antibody / Trap80 / ARC77 (RQ8323)

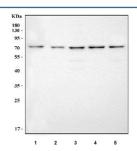
Catalog No.	Formulation	Size
RQ8323	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
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.