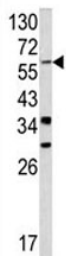


## YAP Antibody (F49693)

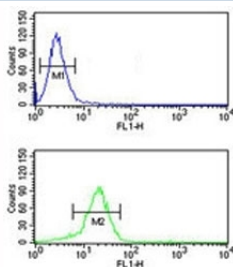
Catalog No.	Formulation	Size
F49693-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49693-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P46937
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	This YAP antibody is available for research use only.



Western blot analysis of YAP antibody and NCI-H460 lysate. Predicted molecular weight ~54 kDa but routinely observed at 65-70 kDa.



YAP antibody flow cytometric analysis of NCI-H460 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

## Description

YAP antibody binds Yes Associated Protein, a transcriptional regulator which can act both as a coactivator and a corepressor and is the critical downstream regulatory target in the Hippo signaling pathway that plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Plays a key role to control cell proliferation in response to cell contact. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration.

For additional YAP1 antibodies validated for WB, IHC, IF, FACS and IP applications, visit our [YAP1 Antibody](#) page featuring monoclonal, recombinant and polyclonal antibodies against this key Hippo pathway effector.

## Application Notes

Titration of the YAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 420-446 from human YAP1 was used as the immunogen for this YAP antibody.

## Storage

Aliquot the YAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.