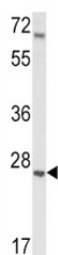


## IGFBP4 Antibody (F49979)

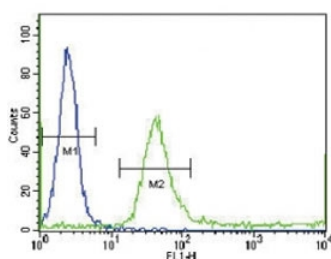
Catalog No.	Formulation	Size
F49979-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49979-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Bovine, Pig
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P22692
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	This IGFBP4 antibody is available for research use only.



Western blot analysis of IGFBP4 antibody and mouse lung tissue lysate. Predicted molecular weight: ~28kDa.



IGFBP4 antibody flow cytometric analysis of WiDr cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

## Description

IGFBP4 has an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.

## Application Notes

Titration of the IGFBP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 66-92 from the human protein was used as the immunogen for this IGFBP4 antibody.

## Storage

Aliquot the IGFBP4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.