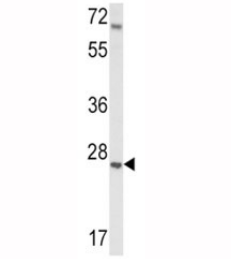
IGFBP4 Antibody (F49979)

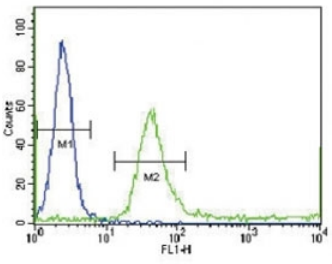
Catalog No.	Formulation	Size
F49979-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49979-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Bovine, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P22692
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	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.

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