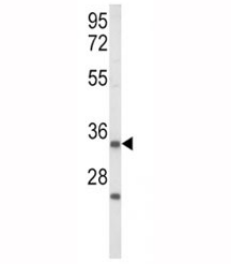
IGFBP2 Antibody (F51220)

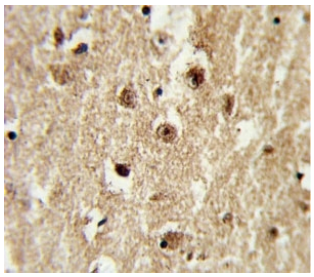
Catalog No.	Formulation	Size
F51220-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51220-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

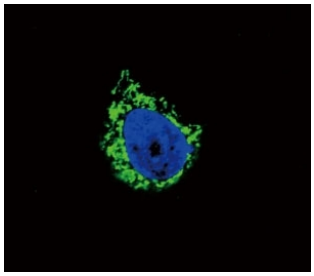
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Pig
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P18065
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This IGFBP2 antibody is available for research use only.



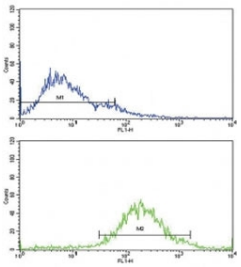
Western blot analysis of IGFBP2 antibody and human Jurkat cell lysate.
Predicted/observed molecular weight ~35 kDa.



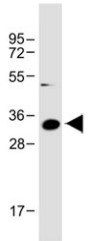
IHC analysis of FFPE human brain tissue with IGFBP2 antibody



Confocal immunofluorescent analysis of IGFBP2 antibody with A549 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).



Flow cytometric analysis of Jurkat cells using IGFBP2 antibody (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot analysis of IGFBP2 antibody and human T-47D cell lysate. Predicted/observed molecular weight ~35 kDa.

Description

IGFBP2-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.

Application Notes

Titration of the IGFBP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 277-305 from the human protein was used as the immunogen for this IGFBP2 antibody.

Storage

Aliquot the IGFBP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.