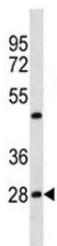


Prohibitin Antibody / PHB (F48122)

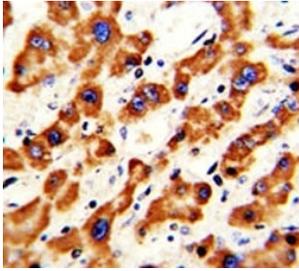
Catalog No.	Formulation	Size
F48122-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48122-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

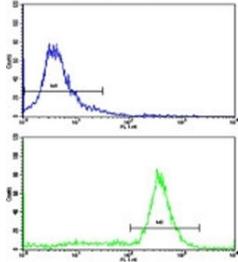
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P35232
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
Limitations	This Prohibitin antibody is available for research use only.



Prohibitin antibody western blot analysis in HepG2 lysate. Predicted molecular weight ~29 kDa.



IHC analysis of FFPE human hepatocarcinoma with Prohibitin antibody



Flow cytometric analysis of ATDC5 cells using Prohibitin antibody (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

Prohibitin is an evolutionarily conserved protein that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region.

Application Notes

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

Immunogen

A portion of amino acids 92-121 from the human protein was used as the immunogen for this Prohibitin antibody.

Storage

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