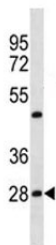


## Prohibitin Antibody / PHB (F48122)

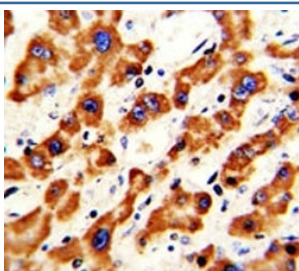
Catalog No.	Formulation	Size
F48122-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48122-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

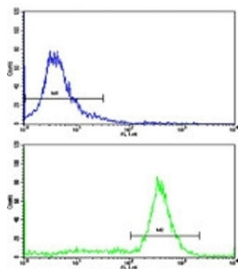
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Bovine, Chicken
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P35232
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	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.