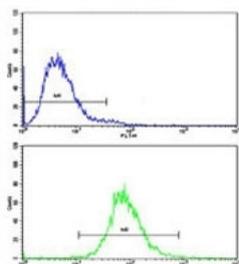


## CD36 Antibody (F48293)

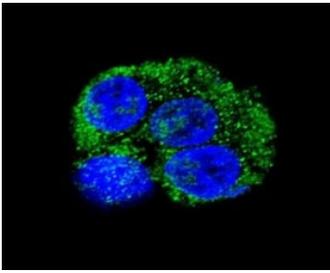
Catalog No.	Formulation	Size
F48293-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48293-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

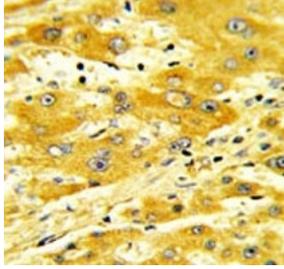
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P16671
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
<b>Limitations</b>	This CD36 antibody is available for research use only.



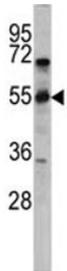
Flow cytometric analysis of CEM cells using CD36 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Confocal immunofluorescent analysis of CD36 antibody with HepG2 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



IHC analysis of FFPE human hepatocarcinoma with CD36 antibody



Western blot analysis of CD36 antibody and CEM lysate.

## Description

CD36 is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence of *Plasmodium falciparum* parasitized erythrocytes and it binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport. Mutations in its gene cause platelet glycoprotein deficiency.

## Application Notes

Titration of the CD36 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 213-242 from the human protein was used as the immunogen for this CD36 antibody.

## Storage

Aliquot the CD36 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

