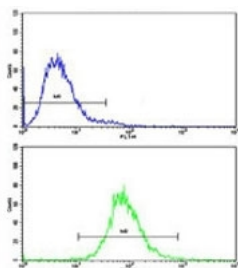


CD36 Antibody (F48293)

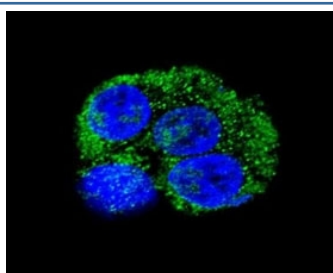
Catalog No.	Formulation	Size
F48293-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48293-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

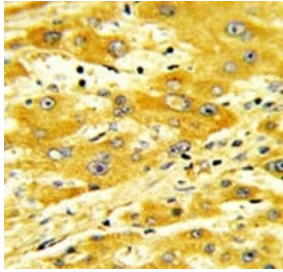
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P16671
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This CD36 antibody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



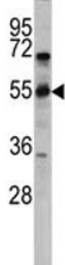
Flow cytometric analysis of CEM cells using CD36 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



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.