

ABflo® 488 Rabbit anti-Human CD36 mAb

Catalog NO.: A29379

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC80976

Background

The protein encoded by this gene 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 this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

FC	5 µl per 10 ⁶ cells in 100 µl volume
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Immunogen Information

Gene ID

948

Swiss Prot

P16671

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10

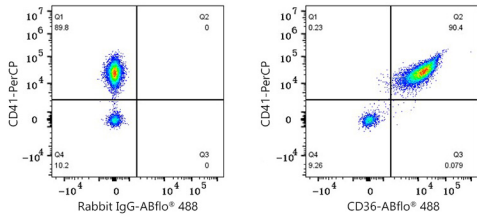
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Human peripheral blood platelets were surface-stained with PerCP Mouse anti-Human CD41 mAb (A22824,10 µl/Test) and ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-Human CD36 mAb (A29379,5 µl/Test,right).

