

**CD36 Mouse monoclonal antibody**

Catalog: BS66169M

Host: Mouse

Reactivity: Human, Mouse, Rat

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.

Product:

0.01M PBS(pH7.4) with 0.1% BSA, 0.03% Proclin300.

Molecular Weight:

~ 52 kDa

Swiss-Prot:

Q08857

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:100-1:1000

IP: 1:20-1:100

IHC: 1:100-1:500

IF: 1:20-1:100

Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

CD36 Mouse monoclonal antibody detects endogenous levels of CD36 protein.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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