

## CD36 polyclonal antibody

Catalog: BS90237

Host: Rabbit

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:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 53 kDa

### Swiss-Prot:

P16671

### Purification&Purity:

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

### Applications:

WB:1:500-1:1000

IF/ICC:1:50-1:200

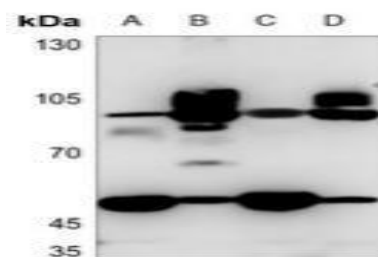
### Storage&Stability:

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

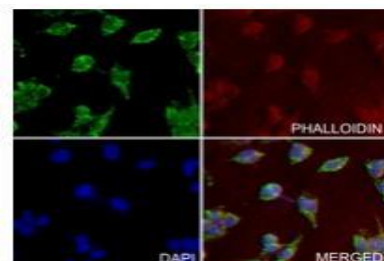
### Specificity:

CD36 polyclonal antibody detects endogenous levels of CD36 protein.

### DATA:



Western blot analysis of CD36 expression in mouse heart (A), mouse muscle (B), rat heart (C), rat muscle (D) whole cell lysates.



Immunofluorescent analysis of CD36 staining in HEK293T cells.

### Note:

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

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