

## CD36

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:** 53kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human CD36

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

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

**Catalog #:** A5792

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 948

**Isotype:** IgG

**Swiss Prot:** P16671

**Purity:** Affinity purification

For research use only.

**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.

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