

Product datasheet for **TA374445S**

CD36 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ICC/IF, WB |
| Recommended Dilution: | WB,1:500 - 1:2000 IF,1:50 - 1:200 |
| Reactivity: | Human, Mouse, Rat |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 301-400 of human CD36/SR-B3 (NP_001120916.1). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 32kDa/46kDa/48kDa/53kDa |
| Gene Name: | CD36 molecule |
| Database Link: | Entrez Gene 948 Human P16671 |



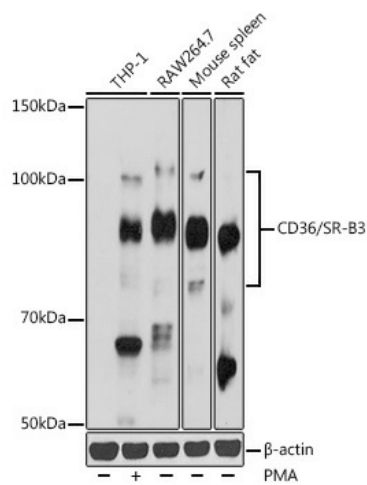
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Background:

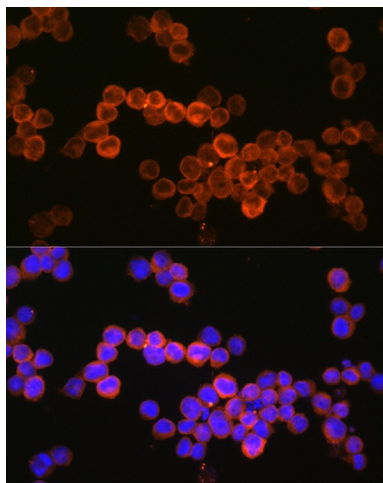
The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important 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.

Synonyms:

CHDS7; FAT; GP3B; GP4; GPIIB; GPIV; OTTHUMP00000207872; OTTHUMP00000207874; PAS-4; PASIV; SCARB3

Product images:


Western blot analysis of extracts of various cell lines, using CD36/SR-B3 antibody ([TA374445]) at 1:1000 dilution. THP-1 cells were treated by PMA (80 nM) at 37°C for overnight. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 180s.



Immunofluorescence analysis of U937 cells using CD36/SR-B3 Rabbit pAb ([TA374445]) at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.