

## Mouse Anti-CD36 antibody

SLM-34215M

<b>Product Name</b>	CD36
<b>Chinese Name</b>	小鼠抗 CD36 单克隆抗体
<b>Alias</b>	Platelet glycoprotein 4; PAS-4; Platelet glycoprotein IV; Glycoprotein IIIb; GPIV; GPIIB; GP3B; Leukocyte differentiation antigen CD36; PAS IV; Platelet collagen receptor; Fatty acid translocase; FAT; Thrombospondin receptor; CD_antigen: GP4; CD36_HUMAN.
<b>Research Area</b>	Tumour Cardiovascular Cell biology immunology Stem cells The cell membrane 受体 vascular endothelial cell endothelial cells
<b>Immunogen Species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone NO.</b>	4A6
<b>React Species</b>	Mouse(predicted:Human,Rat)
<b>Applications</b>	WB=1:500-2000 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	52kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Liquid
<b>Concentration</b>	200ug/ml
<b>immunogen</b>	Recombinant human CD36
<b>Lsotype</b>	IgM, k
<b>Purification</b>	affinity purified by Protein G
<b>Buffer Solution</b>	1M PBS(pH7.4) with 0.1% BSA, 3% Proclin300.
<b>Storage</b>	Shipped at 4°C. Store at 2-8°C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>

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. [provided by RefSeq, Feb 2014]

**SWISS:**  
Q08857

**Gene ID:**  
12491

**Database links:**

[Entrez Gene: 948](#) Human

[Entrez Gene: 12491](#) Mouse

[Entrez Gene: 29184](#) Rat

[Omim: 173510](#) Human

[SwissProt: P16671](#) Human

[SwissProt: Q08857](#) Mouse

[SwissProt: Q07969](#) Rat

[Unigene: 120949](#) Human

[Unigene: 18628](#) Mouse

[Unigene: 406799](#) Mouse

[Unigene: 102418](#) Rat

[Unigene: 205840](#) Rat

**Product Detail**



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