

## CD36 Rabbit pAb

CatalogNo: YT5585

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat, Tilapia

#### Applications

- WB, IHC, ELISA

#### MW

- 90kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Storage

#### Storage\*

-15°C to -25°C/1 year (Do not lower than -25°C)

#### Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

#### Clonality

Polyclonal

### Immunogen Information

#### Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human CD36. AA range:331-380

#### Specificity

CD36 Polyclonal Antibody detects endogenous levels of CD36 protein.

### Target Information

<b>Gene name</b>	CD36		
<b>Protein Name</b>	Platelet glycoprotein 4		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">948;</a>	<a href="#">P16671;</a>
	Mouse	<a href="#">12491;</a>	<a href="#">Q08857;</a>
	Rat		<a href="#">Q07969;</a>
<b>Cellular Localization</b>	Cell membrane ; Multi-pass membrane protein . Membrane raft . Golgi apparatus . Apical cell membrane . Upon ligand-binding, internalized through dynamin-dependent endocytosis. .		
<b>Tissue specificity</b>	Adipocyte,Liver,Mammary gland,Milk,Placenta,Platelet,Skeletal muscle,		
<b>Function</b>	Disease:Defects in CD36 are the cause of platelet glycoprotein IV deficiency [MIM:608404]; also known as CD36 deficiency. Platelet glycoprotein IV deficiency can be divided into 2 subgroups. The type I phenotype is characterized by platelets and monocytes/macrophages exhibiting complete CD36 deficiency. The type II phenotype lacks the surface expression of CD36 in platelets, but expression in monocytes/macrophages is near normal.,Disease:Genetic variations in CD36 are associated with susceptibility to coronary heart disease type 7 (CHDS7) [MIM:610938].,Function:Seems to have numerous potential physiological functions. Binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. May function as a cell adhesion molecule. Directly mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes. Binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport.,online information:CD36 entry,polymorphism:Genetic variation in CD36 influences the severity and outcome of malaria infection.,PTM:N-glycosylated and O-glycosylated with a ratio of 2:1.,similarity:Belongs to the CD36 family.,		

| Validation Data

| Contact information

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