

Datasheet for ABIN737661  
**anti-CD36 antibody (AA 51-150)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	CD36
Binding Specificity:	AA 51-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD36 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD36
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	CD36
Alternative Name:	CD36 ( <a href="#">CD36 Products</a> )
Background:	Synonyms: FAT, GPIV, Scarb3, Platelet glycoprotein 4, Glycoprotein IIIb, GPIIB, PAS IV, PAS-4, Platelet glycoprotein IV, CD36

## Target Details

Background: Binds to collagen, thrombospondin, anionic phospholipids and oxidized low-density lipoprotein (oxLDL). 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 (By similarity). Receptor for thrombospondins, THBS1 AND THBS2, mediating their antiangiogenic effects (By similarity). As a coreceptor for TLR4-TLR6, promotes inflammation in monocytes/macrophages. Upon ligand binding, such as oxLDL or amyloid-beta 42 binding, rapidly induces the formation of a heterodimer of TLR4 and TLR6, which is internalized and triggers inflammatory signals, leading to the NF-kappa-B-dependent production of CXCL1, CXCL2 and CCL9 cytokines, via MYD88 signaling pathway, and CCL5 cytokine, via TICAM1 signaling pathway, as well as IL1B secretion.

Gene ID:	12491
UniProt:	<a href="#">Q08857</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Lipid Metabolism</a> , <a href="#">S100 Proteins</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

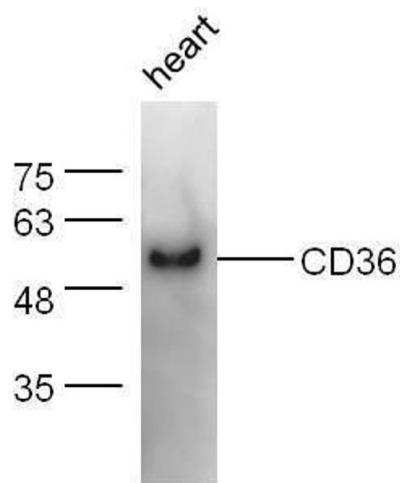
## Handling

Format:	Liquid
Concentration:	1 µg/µL

Handling

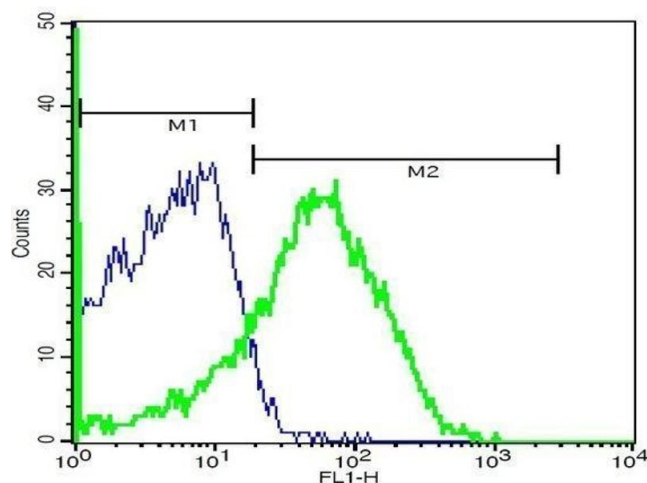
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



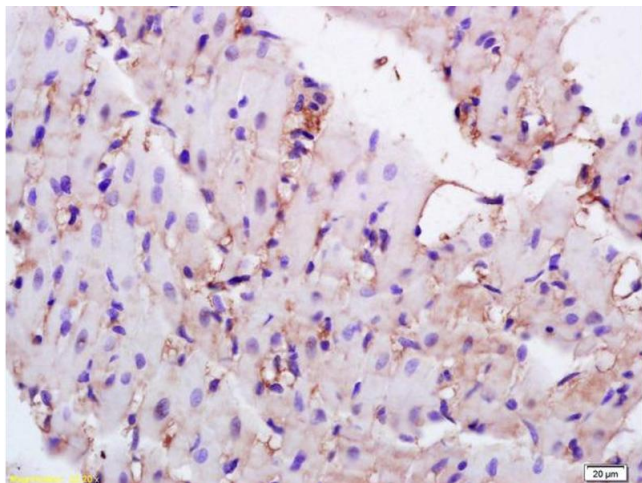
Western Blotting

**Image 1.** Mouse heart lysates probed with Rabbit Anti-CD36 Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.



Flow Cytometry

**Image 2.** Mouse lung cells probed with Rabbit Anti-CD36 Polyclonal Antibody, FITC Conjugated .



#### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded rat heart labeled with Anti-CD36/PAS-4 Polyclonal Antibody, Unconjugated (ABIN737661) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN737661.