

Datasheet for ABIN7440212
anti-CD36 antibody (AA 45-203)

3 Images

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Overview

Quantity:	100 µL
Target:	CD36
Binding Specificity:	AA 45-203
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD36 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cluster Of Differentiation 36 (CD36)
Immunogen:	Recombinant Cluster Of Differentiation 36 (CD36) corresponding to Glu45~Pro203 (Accession # Q08857)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD36. It has been selected for its ability to recognize CD36 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CD36
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Target Details

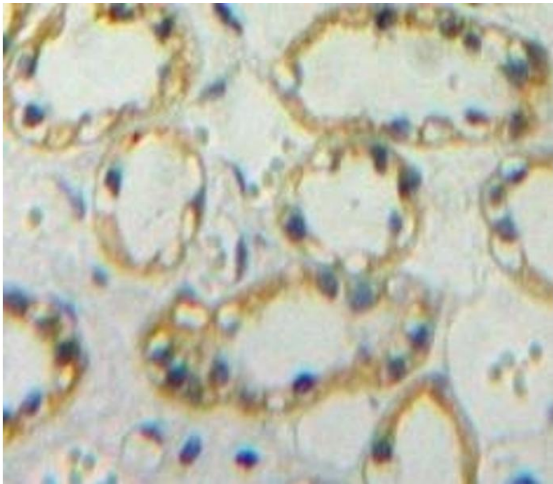
Alternative Name:	CD36 (CD36 Products)
Background:	GP4, FAT, GP3B, GPIV, PASIV, SCARB3, GP88, GpIIb, Glycoprotein IIIb, Collagen Type I Receptor, Thrombospondin Receptor, Fatty acid translocase, Platelet collagen receptor
Pathways:	TLR Signaling , Peptide Hormone Metabolism , Response to Growth Hormone Stimulus , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Hepatitis C , Toll-Like Receptors Cascades , Lipid Metabolism , S100 Proteins

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

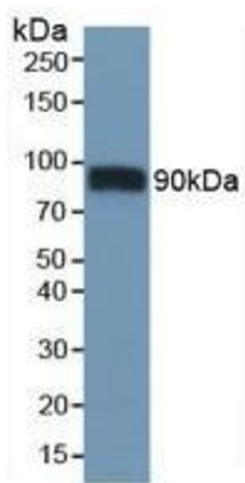
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



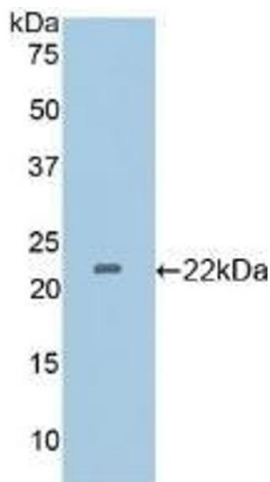
Immunohistochemistry

Image 1. #VALUE!



Western Blotting

Image 2. Detection of CD36 in Mouse Heart Tissue using Polyclonal Antibody to Cluster Of Differentiation 36 (CD36)



Western Blotting

Image 3. Detection of Recombinant GP4, Mouse using Polyclonal Antibody to Cluster Of Differentiation 36 (CD36)