

CD36 Polyclonal Antibody

Catalog No: tcba4780



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IF

Research Area:

Cancer, Stem cells, Cardiovascular, Immunology,

Species Reactivity:

Human, Mouse, Rat

Host Species:

Rabbit

Immunogen / Amino acids:

Recombinant fusion protein containing a sequence corresponding to amino acids 301-400 of human CD36 (NP_001120916.1).

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

CD36; BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3; CD36 molecule

SwissProt:

P16671

Gene ID:

948 (human);

Calculated Molecular Weight:

32kDa/46kDa/48kDa/53kDa

Observed Molecular Weight:

70-110kDa

Sequence:

ASPVENPDNYCFCTEKIISKNCTSYGVLDISKCKEGRPVYISLPHFLYASPDVSEPIDGLNPNEEEHRTYLDIEPITGFTLQFAKRLQVNULLVK
PSEKIQ

Purification:

Affinity purification

Positive Control:

THP-1, Jurkat, U-937, HeLa, 293T, Mouse kidney

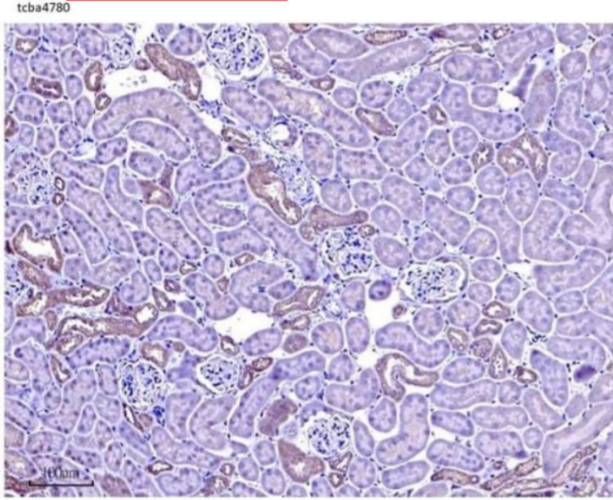
Cellular Location:

Cell membrane, Multi-pass membrane protein,

Product Description

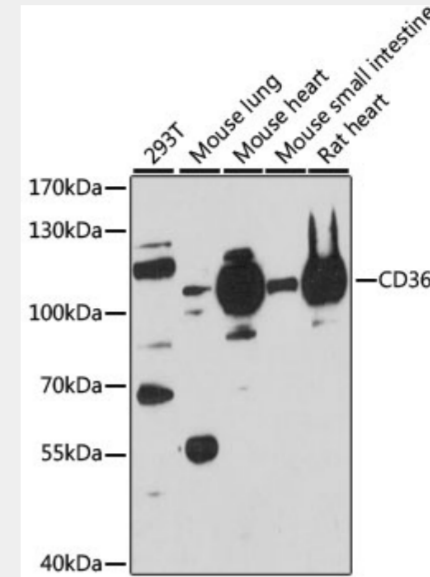
The protein encoded by this gene is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely distributed proteins involved in a variety of adhesive processes, this protein may have important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

Customer Review



Immunohistochemistry of paraffin-embedded B6 Mice kidney section with CD36 Polyclonal Antibody (tcba4780) at dilution of 1:200.

Customer Submit Review: Immunohistochemistry of paraffin-embedded B6 Mice liver section using CD36 antibody at dilution of 1:200 (40x lens).



Western blot analysis of extracts of various cell lines, using BRD2 antibody at 1:3000 dilution.

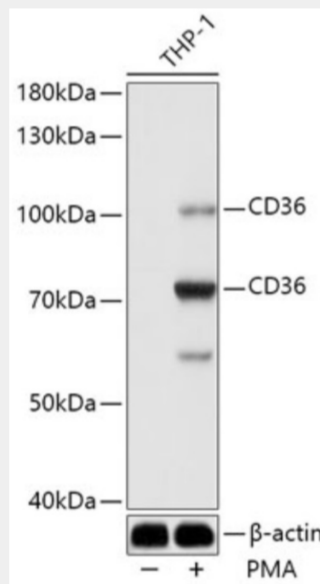
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

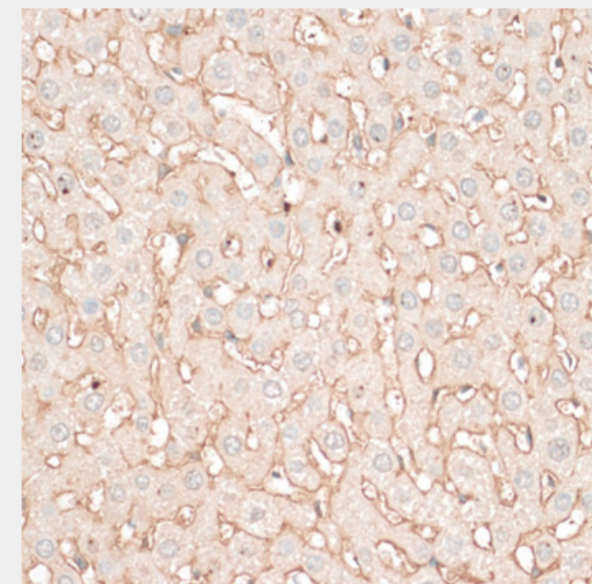
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

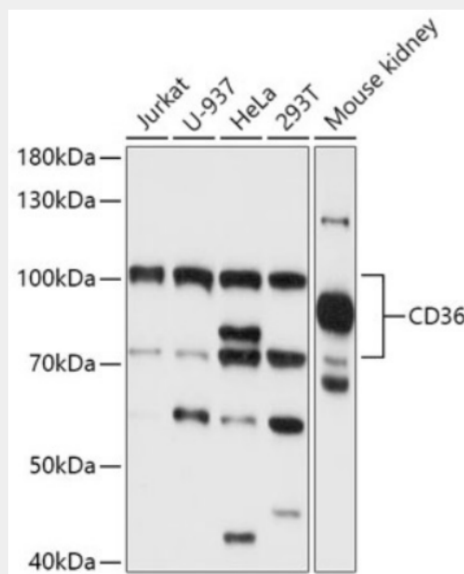
Exposure time: 90s.



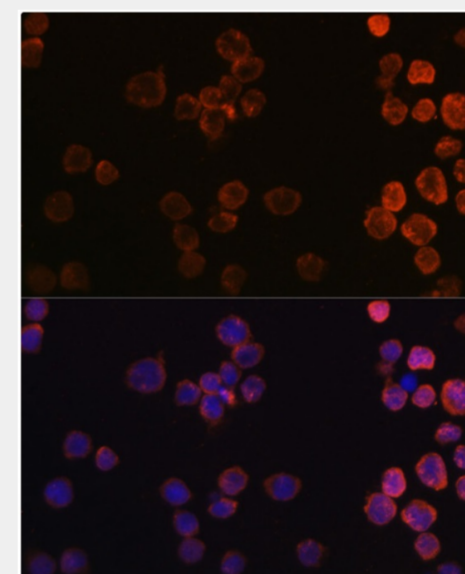
Western blot analysis of extracts of THP-1 cells, using CD36 antibody at 1:1000 dilution. THP-1 cells were treated by PMA (80 nM) at 37°C for overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 15s.



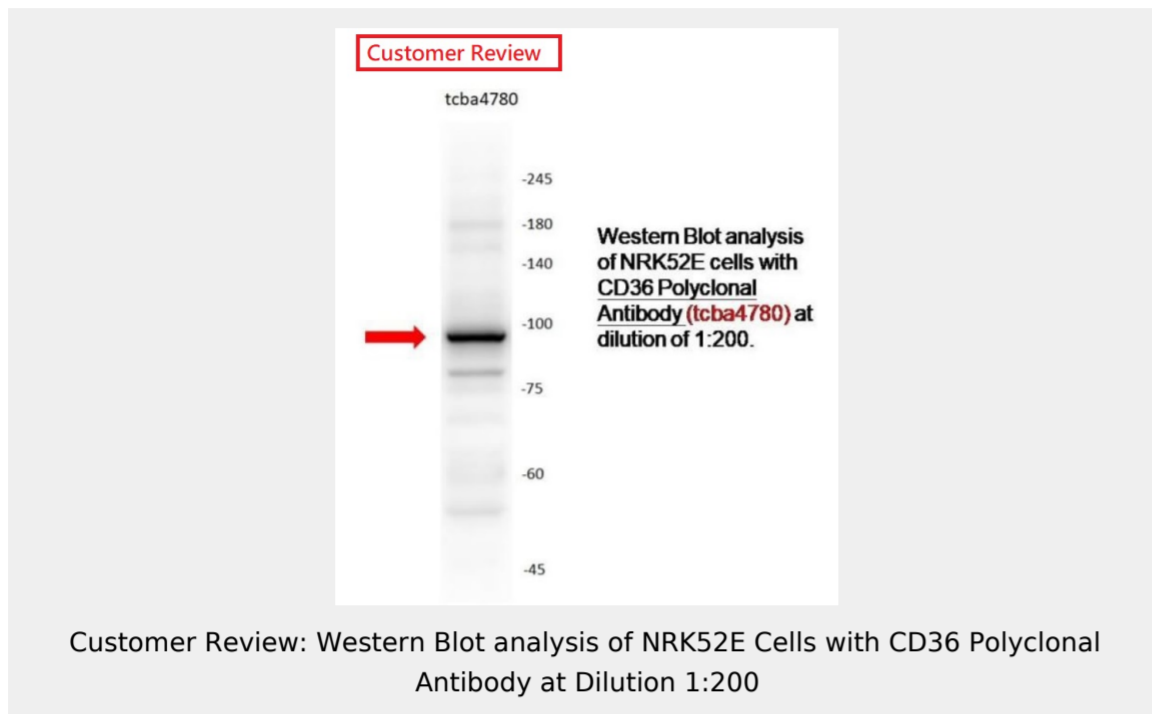
Immunohistochemistry of paraffin-embedded rat liver using CD36 antibody at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using CD36 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 15s.



Immunofluorescence analysis of THP-1 cells using CD36 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!