

CD36 antibody

Cat. No. GTX112891

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 53 kDa. ([Note](#))

Properties

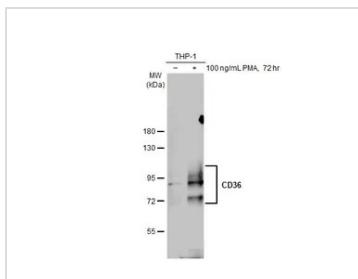
Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.71 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human CD36. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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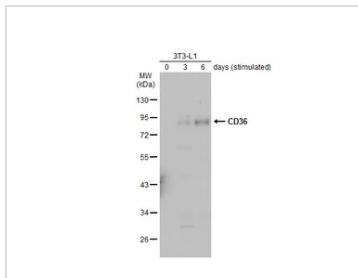
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DATA IMAGES



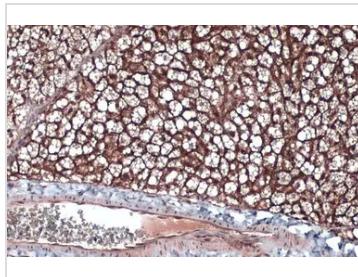
GTX112891 WB Image

Untreated (-) and treated (+) THP-1 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with CD36 antibody (GTX112891) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX112891 WB Image

Unstimulated and stimulated 3T3-L1 whole cell extracts (20 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CD36 antibody (GTX112891) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. (The differentiation stimulated medium is composed by basal medium, 10% FBS, 50 µg/ml gentamicin, 1 nM L-glutamin, 500 µM IBMX, 1 µM dexamethasone, 2 µM rosiglitazone and 1 µg/ml insulin.)



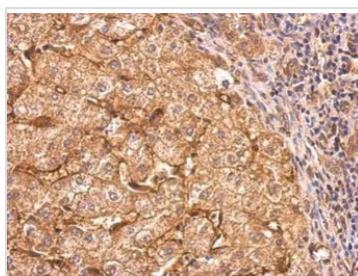
GTX112891 IHC-P Image

CD36 antibody detects CD36 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse brown adipocyte.

CD36 stained by CD36 antibody (GTX112891) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX112891 IHC-P Image

CD36 antibody detects CD36 protein at cytosol and weak membrane on human hepatoma by immunohistochemical analysis.

Sample: Paraffin-embedded hepatoma.

CD36 antibody (GTX112891) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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