

Product Datasheet

CD36 Antibody (Center) (orb1931367)

Catalog Number	orb1931367
Category	Antibodies
Description	Purified Rabbit Polyclonal Antibody (Pab)
Target	CD36
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This CD36 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 213-242 amino acids from the Central region of human CD36. Antigen Region: 213-242 aa.
UniProt ID	P16671
MW	53053 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:10-50, FC - 1:10-50

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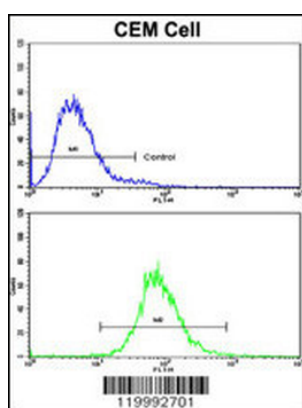
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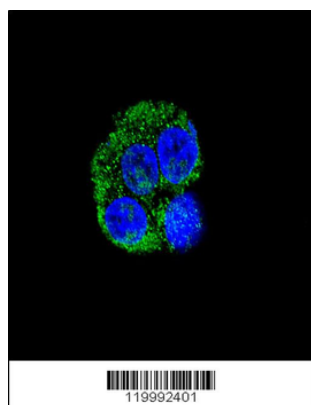
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Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001001547.1 , NP_001120915.1 , NP_000063.2 , NP_001001548.1 , NP_001120916.1
Expiration Date	12 months from date of receipt.



Flow cytometric analysis of CEM cells using CD36 Antibody (Center) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Confocal immunofluorescent analysis of CD36 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

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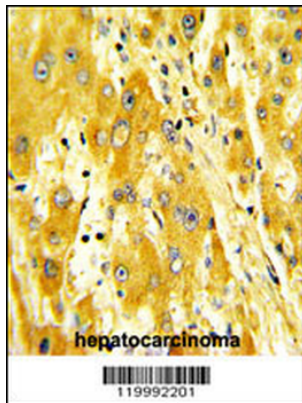
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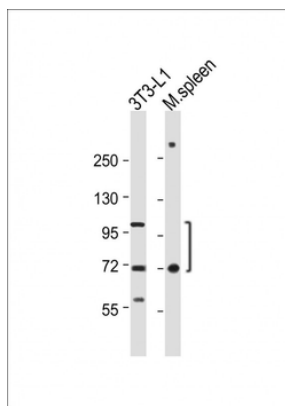
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Formalin-fixed and paraffin-embedded human hepatocarcinoma with CD36 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



All lanes: Anti-CD36 Antibody (Center) at 1:1000 dilution. Lane 1: 3T3-L1 whole cell lysate. Lane 2: Mouse spleen whole tissue lysate. Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 53 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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