

For Research Use Only

Rat CD36 Recombinant monoclonal antibody, PBS Only

Catalog Number:86246-6-PBS



Basic Information

Catalog Number: 86246-6-PBS	GenBank Accession Number: GeneID (NCBI): 29184	Purification Method: Protein A purification
Source: Rabbit	UNIPROT ID: Q07969	CloneNo.: 250237G3
Isotype: IgG	Full Name: CD36 molecule (thrombospondin receptor)	
Immunogen Catalog Number: EG3222	Calculated MW: 53 kDa	
	Observed MW: 88 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

CD36, also named as GP3B and GP4, is a membrane glycoprotein present on platelets, monocytes, erythroid precursors, endothelial cells, and several tumor cell lines. CD36 binds to collagen, thrombospondin, anionic phospholipids, long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport and oxidized LDL. CD36 may function as a cell adhesion molecule. It mediates cytoadherence of Plasmodium falciparum parasitized erythrocytes.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

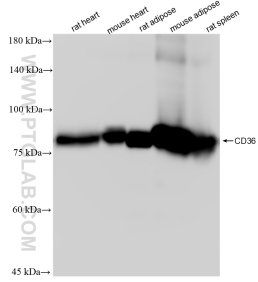
T: 4006900926

E: Proteintech-CN@ptglab.com

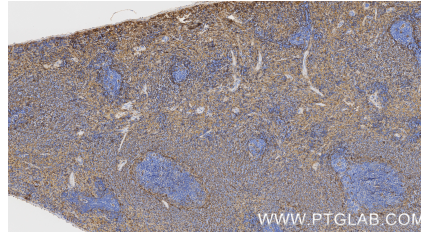
W: ptgcn.com

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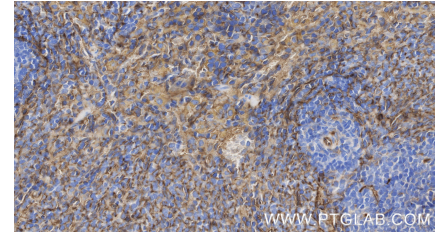
Selected Validation Data



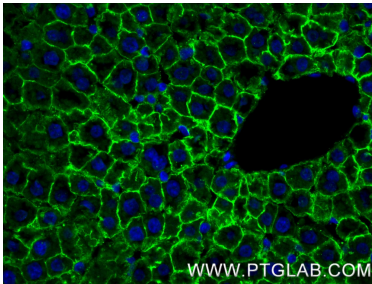
Various lysates were subjected to SDS PAGE followed by western blot with 86246-6-RR (CD36/SR-B3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86246-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using 86246-6-RR (CD36 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86246-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using 86246-6-RR (CD36 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86246-6-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat liver tissue using CD36 antibody (86246-6-RR, Clone: 250237G3) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86246-6-PBS in a different storage buffer formulation.