

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 |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | UNIPROT ID: Q07969 | CloneNo.: 250237G3 |
| Source: Rabbit | Full Name: CD36 molecule (thrombospondin receptor) | |
| Isotype: IgG | Calculated MW: 53 kDa | |
| Immunogen Catalog Number: EG3222 | 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.

Storage Buffer:
PBS only, pH7.3

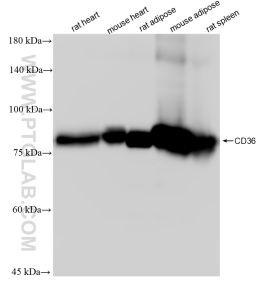
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

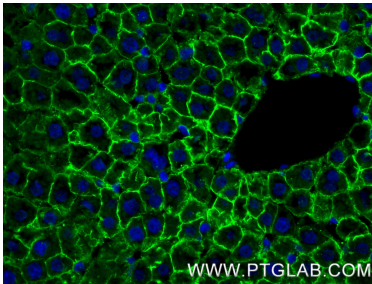
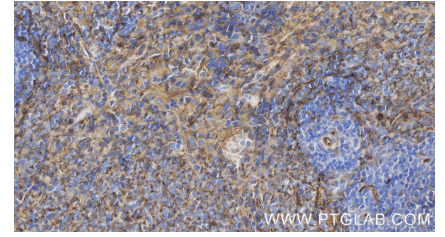
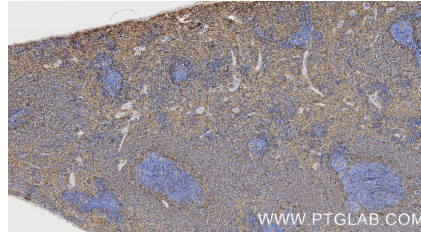
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.



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.