

For Research Use Only

CoraLite® Plus 488-conjugated CD36 Recombinant monoclonal antibody

Catalog Number: CL488-84078-4



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-84078-4	NM_001001548.3	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	948	241262F5
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P16671-1	IF-P: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	CD36 molecule (thrombospondin receptor)	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
EG1070	53 kDa	
	Observed MW:	
	75-85 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	
Species Specificity:	IF-P: human placenta tissue,
human	

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. Mutation of CD36 will cause platelet glycoprotein IV deficiency which known as CD36 deficiency. Genetic variations in CD36 are associated with susceptibility to coronary heart disease type 7 (CHDS7).

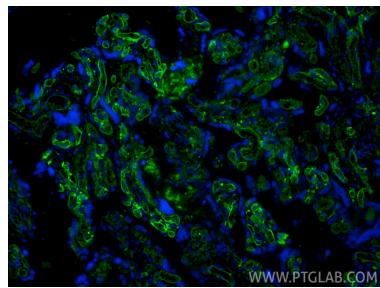
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using Coralite® Plus 488 CD36 antibody (CL488-84078-4, Clone: 241262F5) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).