

## CD36 Conjugated Antibody

Catalog No: #C49232



Package Size: #C49232-AF350 100ul #C49232-AF405 100ul #C49232-AF488 100ul  
 #C49232-AF555 100ul #C49232-AF594 100ul #C49232-AF647 100ul  
 #C49232-AF680 100ul #C49232-AF750 100ul #C49232-Biotin 100ul

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## Description

Product Name	CD36 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Adipocyte membrane protein antibody BDPLT10 antibody CD36 antibody CD36 antigen (collagen type I receptor, thrombospondin receptor) antibody CD36 antigen antibody CD36 molecule (thrombospondin receptor) antibody CD36 molecule antibody CD36_HUMAN antibody CHDS7 antibody Cluster determinant 36 antibody Collagen receptor, platelet antibody FAT antibody Fatty acid translocase antibody Fatty acid transport protein antibody Glycoprotein IIIb antibody GP IIIb antibody GP3B antibody GP4 antibody GPIIIB antibody GPIV antibody Leukocyte differentiation antigen CD36 antibody MGC108510 antibody MGC91634 antibody PAS 4 protein antibody PAS IV antibody PAS-4 antibody PASIV antibody Platelet collagen receptor antibody Platelet glycoprotein 4 antibody Platelet glycoprotein IV antibody scarb3 antibody Scavenger receptor class B member 3 antibody Thrombospondin receptor antibody
Accession No.	Swiss-Prot#:P16671
Uniprot	P16671
GeneID	948;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	53 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

CD36 (collagen type I receptor, thrombospondin receptor, FAT, GP4, GP3B, GPIV, PASIV, SCARB3) is a membrane glycoprotein on platelets, monocytes and umbilical vein endothelial cells. CD36 binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. CD36 plays a key role in both phagocytosis and lipid recycling, for constant production of mature spermatozoa. Mutations in this gene cause platelet glycoprotein deficiency. Three alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. Thrombospondins are widely distributed proteins that influence a variety of adhesive processes and CD36 may have important functions as a cell adhesion molecule.

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Note: This product is for in vitro research use only