

## FITC Anti-Human CD36 Antibody[5-271]

Catalog Number: E-AB-F1164C

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone No.</b>	5-271
<b>Isotype Control</b>	FITC Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802C]
<b>Conjugation</b>	FITC
<b>Conjugation Information</b>	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

### Applications

#### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	GP3B;GP4;GPIIIB;GPIV;PAS-4
<b>Uniprot ID</b>	P16671
<b>Gene ID</b>	948
<b>Background</b>	CD36 is an 85 kD integral membrane glycoprotein, also known as GPIIb, or GPIV. It is expressed on various epithelial and endothelial cells as well as erythrocytes, platelets, macrophages/monocytes and some macrophage-derived dendritic cells. CD36 functions as a scavenger receptor, binding thrombospondin, long chain fatty acids, oxidized LDL, collagen type I, IV, and V as well as apoptotic cells. The 5-271 antibody has been reported to be useful for flow cytometry.

### For Research Use Only