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

**catalog number:** E-AB-F1164A

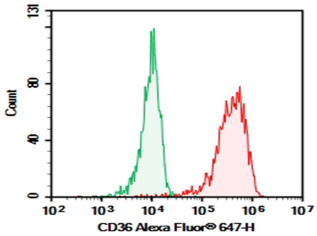
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Recombinant Human CD36 protein |
| **Host** | Mouse |
| **Isotype** | Mouse IgG2a, κ |
| **Clone** | 5-271 |
| **Purification** | >98%, Protein A/G purified |
| **Conjugation** | Unconjugated |
| **buffer** | PBS, pH 7.2. Contains 0.05% proclin 300. |

| Applications | Recommended Dilution |
|---|---|
| **FCM** | 2 μg/mL($1\times10^5$-$5\times10^5$ cells) |

## Data




Human peripheral blood monocytes cell were stained with 0.2 μg Purified Anti-Human CD36 Antibody[5-271] (Right) and 0.2 μg Mouse IgG2a, κ Isotype Control (Left), followed by Alexa Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

## Preparation & Storage

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|---|---|
| **Storage** | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| **Shipping** | Order now, ship in 3 days |

## Background

CD36 is an 85 kDa integral membrane glycoprotein, also known as GPIIIb, 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.

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