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# PE Anti-Mouse CD36 Antibody[HM36]

Catalog Number: E-AB-F1291D

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

### **Description**

Reactivity Mouse

Host Armenian Hamster
Isotype Armenian Hamster IgG

Clone No. HM36

Isotype Control PE Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853D]

**Conjugation** PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) Conjugation Information

lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

#### Applications Recommended usage

FCM Each lot of this antibody is quality control tested by immunofluorescent staining with flow

cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be

determined for individual use.

## **Preparation & Storage**

Storage 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.

This product is guaranteed up to one year from purchase.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the recommended

temperature.

#### **Antigen Information**

Alternate Names FAT, gplllb, gplV

 Uniprot ID
 Q08857

 Gene ID
 12491

Background CD36 is a 85 kD glycoprotein, also known as FAT, gpIIIb, or gpIV. It is a member of the class B

scavenger receptor family, expressed on platelets, monocytes, macrophages, megakaryocytes, microvasculature, dendritic cells and mammary endothelial cells. The primary ligands for CD36 have been reported to be oxidized low density lipoprotein, anionic phospholipids, and collagens I, IV, and V. CD36 acts as a scavenger receptor thus promoting the removal of apoptotic neutrophils and other apoptotic bodies, as well as clearance of defective erythrocytes.(ADCC); its ligands are

IgG1, IgG2a and IgG2b.

## For Research Use Only

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