

A Reliable Research Partner in Life Science and Medicine

APC Anti-Mouse CD36 Antibody[HM36]

Catalog Number: E-AB-F1291UE

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

Description

Mouse Reactivity

Armenian Hamster Host Isotype Armenian Hamster IgG

HM36 Clone No.

APC Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853E] Isotype Control

APC Conjugation

Conjugation Information APC is designed to be excited by the Red (627-640 nm) laser and detected using an

optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).

Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

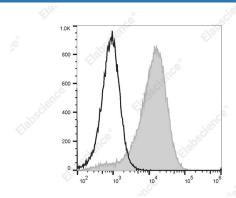
Applications Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. Please **FCM**

> check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu g/10^6$ cells

in 100 µL volume].

Data



C57BL/6 murine abdominal macrophages elicited by starch broth are stained with APC Anti-Mouse CD36 Antibody[HM36] (filled gray histogram) or APC Armenian Hamster IgG Isotype Control (empty black histogram).

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.

Shipping Ice bag

Antigen Information

Alternate Names gplllbgplV;FAT **Uniprot ID** Q08857 Gene ID 12491

For Research Use Only

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Background

Elabscience®

CD36 is a 85 kD glycoprotein, also known as FAT, gplllb, or gplV. 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.

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