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Elab Fluor® 647 Anti-Mouse CD36 Antibody[HM36]

Catalog Number: E-AB-F1291UM

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

Description

Reactivity Mouse

Armenian Hamster Host Isotype Armenian Hamster IgG

HM36 Clone No.

Isotype Control Elab Fluor® 647 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853M]

Conjugation Elab Fluor®647

Conjugation Information Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 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 μg/10⁶ cells

in 100 µL volume].

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

Background 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, microvas culature, 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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