



A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Red 780 Anti-Mouse CD36 Antibody[HM36]

Catalog Number: E-AB-F1291US

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

Description

Reactivity Mouse

Armenian Hamster Host Isotype Armenian Hamster IgG

Clone No. **HM36**

Isotype Control Elab Fluor® Red 780 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-

F09853S1

Conjugation Elab Fluor® Red 780

Conjugation Information Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and

detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter).

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

Applications Recommended usage

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

> 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.

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Web:www.elabscience.com

Email:techsupport@elabscience.com

Rev. V1.8