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

Catalog Number: E-AB-F1291S

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

F09852S1

Conjugation Elab Fluor® Red 780

**Conjugation Information** Elab Fluor<sup>®</sup> 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. 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.

Shipping Ice bag

**Antigen Information** 

Alternate Names FAT;gplllb;gplV

 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, 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.