

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 488 Anti-Human CD36 Antibody[5-271]

Catalog Number: E-AB-F1164L

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2a, κ

Clone No. 5-271

Isotype Control Elab Fluor® 488 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802L]

Conjugation Elab Fluor® 488

Conjugation Information Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using

an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).

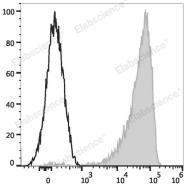
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Human peripheral blood platelets are stained with Elab Fluor

 $^{\circledR}$ 488 Anti-Human CD36 Antibody (filled gray histogram) or Elab Fluor $^{\circledR}$ 488 Mouse IgG2a, κ 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 GP3B;GP4;GPIIIB;GPIV;PAS-4

 Uniprot ID
 P16671

 Gene ID
 948

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

Background

Elabscience®

CD36 is an 85 kD integral membrane glycoprotein, also known as GPIIIb, or GPIV. It is expressed on various epithelial and endothelial cells as well as erythrocytes, platelets, macrophages/monocytes and some macrophage-derived dendritic cells. CD36 functions as a scavenger receptor, binding thrombospondin, long chain fatty acids, oxidized LDL, collagen type I, IV, and V as well as apoptotic cells. The 5-271 antibody has been reported to be useful for flow cytometry.

Fax: 1-832-243-6017