

Elab Fluor® 647 Anti-Mouse CD226 Antibody[480.1]

Catalog Number: GFH1419M

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

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	480.1
Isotype Control	Elab Fluor® 647 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832M]
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).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.

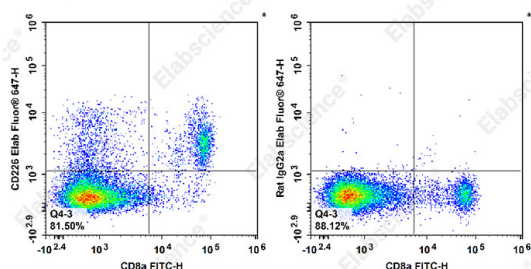
Applications

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

Data



Staining of C57BL/6 murine splenocytes cells with FITC Anti-Mouse CD8a Antibody and Elab Fluor® 647 Anti-Mouse CD226 Antibody[480.1] (left) or Elab Fluor® 647 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

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

Uniprot ID	Q8K4F0
Gene ID	225825

For Research Use Only

Background

CD226 (DNAM-1) is constitutively expressed on native CD8+ cells and on some CD4+ T cells, macrophages and NK cells. CD226 is involved in NK and T cell mediated cytotoxicity against certain tumors. CD155 and CD112 are the ligands for CD226. This antibody (480.1) is reported by the developer to partially block the binding of mouse CD155.