

Elab Fluor® 647 Anti-Human FOLR1 Antibody[LK26]

Catalog Number: AN00483M

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

Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG2a, κ
Clone No.	LK26
Isotype Control	Elab Fluor® 647 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M]
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% stabilizer.

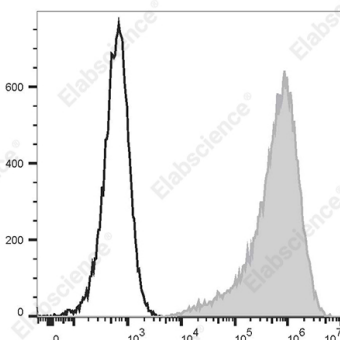
Applications

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 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 the Hela cell line with Elab Fluor® 647 Anti-Human FOLR1 Antibody[LK26] (filled gray histogram) or

Elab Fluor® 647 Mouse IgG2a, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	GPIX;Glycoprotein IX;GP9;Glycoprotein 9
Uniprot ID	P15328
Gene ID	2348

For Research Use Only

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Rev. V1.4

Background

Folate receptor (FOLR1), also known as folate receptor alpha, is a folate-binding protein (FBP) expressed in adults. It has high affinity for folic acid and its metabolites, including 5-methyltetrahydrofolate (5-MTF), the biologically active form of folic acid used for DNA synthesis and the cysteine cycle. FOLR1 mediates intracellular delivery of 5-MTF. FOLR1 is overexpressed in a variety of tumors, including breast, colorectal, and brain.