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PE/Cyanine 5 Anti-Human FOLR1 Antibody [LK26]

Catalog Number: AN00483G

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 PE/Cyanine5 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802G]

Conjugation PE/Cyanine 5

Conjugation Information PE/Cyanine 5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

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

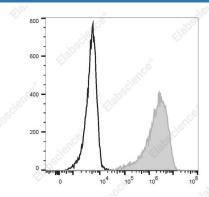
Applications Recommended usage

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



Staining of the Hela cell line with PE/Cyanine5 Anti-Human FOLR1 Antibody[LK26] (filled gray histogram) or PE/Cyanine5 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 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names Folate receptor alpha;FR-alpha;KB cells FBP;folate binding protein;folate receptor;adul

t;adult folate-binding protein;ovarian tumor-associated antigen MOv18;AN00483

Uniprot ID P15328

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Gene ID

Background

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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.