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Product Information

Recombinant Anti-Human FOLR1 Antibody

Cat. No.: **MOM-18113**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody binds selectively to Human folate receptor 1, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene.

Specific Activity

Tested positive against native antigen.

Target

folate receptor 1

Immunogen

Gestational choriocarcinoma cell line, Lu-75.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Humanized (from mouse) IgG1 - kappa

Expression Host

CHO

Predicted N terminal

H chain: EVQLVES; L Chain: DIQLTQS

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in ELISA, FC, IP, FuncS, IF, Neut, ICC and most other immunological methods.

Storage

At -20°C for one year.

ANTIGEN GENE INFOMATION

Gene Name

FOLR1 folate receptor 1 (adult) [Homo sapiens]

Official Symbol

FOLR1

Synonyms

FOLR1; folate receptor 1 (adult); FOLR; folate receptor alpha; FR-alpha; KB cells FBP; folate binding protein; folate receptor, adult; adult folate-binding protein; ovarian tumor-associated antigen MOv18; FBP;

Gene ID

2348

mRNA Refseq

NM_000802

Protein Refseq

NP_000793

MIM

136430

UniProt ID

P15328

Chromosome Location

11q13.3-q14.1

Pathway

Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;

Function

folic acid binding; receptor activity;

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