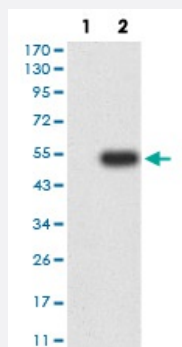


FOLR1 monoclonal antibody, clone 2G5C12

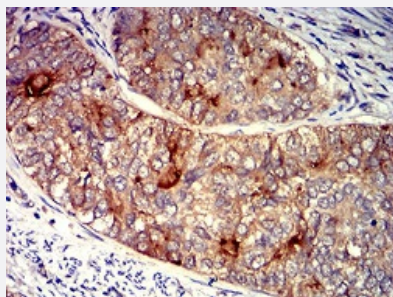
Catalog # MAB17630 Size 100 ug

Applications



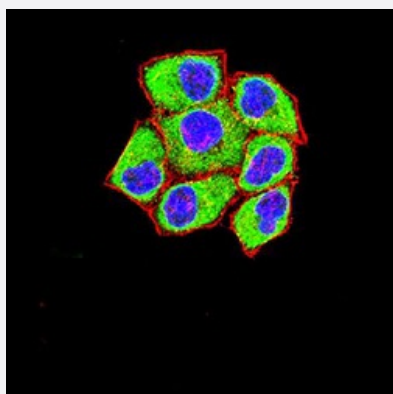
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) FOLR1-hlgGfC transfected HEK293 cell lysate.



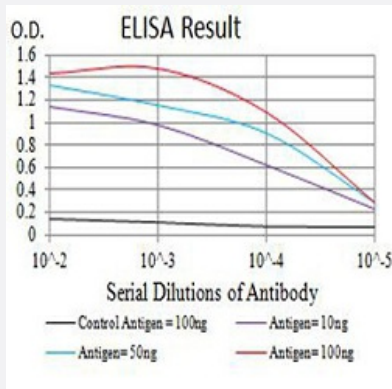
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissue with FOLR1 monoclonal antibody.



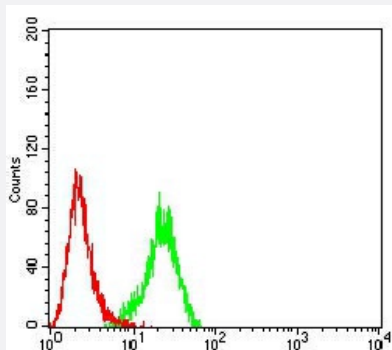
Immunocytochemistry

Immunocytochemical staining of HeLa cells with FOLR1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOLR1 monoclonal antibody, clone 2G5C12.



Flow Cytometry

Flow cytometric analysis of Hela cells with FOLR1 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FOLR1.
Immunogen	Recombinant protein corresponding to amino acid 41-227 of human FOLR1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	29.8
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry (1:100-1:500) Flow Cytometry (1:200-1:400) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) FOLR1-hlgGfc transfected HEK293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissue with FOLR1 monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with FOLR1 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOLR1 monoclonal antibody, clone 2G5C12.

- Flow Cytometry

Flow cytometric analysis of HeLa cells with FOLR1 monoclonal antibody (green) and negative control (red).

Gene Info — FOLR1

Entrez GeneID[2348](#)**Gene Name**

FOLR1

Gene Alias

FBP, FOLR, FR-alpha, MOv18

Gene Description

folate receptor 1 (adult)

Omim ID[136430](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the folate receptor (FOLR) family. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This gene is composed of 7 exons; exons 1 through 4 encode the 5' UTR and exons 4 through 7 encode the open reading frame. Due to the presence of 2 promoters, multiple transcription start sites, and alternative splicing of exons, several transcript variants are derived from this gene. These variants differ in the lengths of 5' and 3' UTR, but they encode an identical amino acid sequence. [provided by RefSeq]

Other Designations

folate binding protein|folate receptor 1

Disease

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperhomocysteinemia](#)
- [Hyperparathyroidism](#)
- [Infant](#)
- [Infertility](#)
- [Meningomyelocele](#)
- [Neural Tube Defects](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)

- [Tobacco Use Disorder](#)