

Folate Binding Protein Rabbit mAb
Catalog # AP75447**Specification****Folate Binding Protein Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	P15328
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	29819

Folate Binding Protein Rabbit mAb - Additional Information

Gene ID 2348

Other Names

FOLR1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

Folate Binding Protein Rabbit mAb - Protein Information

Name FOLR1

Synonyms FOLR

Function

Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells (PubMed:[19074442](http://www.uniprot.org/citations/19074442), PubMed:[23851396](http://www.uniprot.org/citations/23851396), PubMed:[23934049](http://www.uniprot.org/citations/23934049), PubMed:[2527252](http://www.uniprot.org/citations/2527252), PubMed:[8033114](http://www.uniprot.org/citations/8033114), PubMed:[8567728](http://www.uniprot.org/citations/8567728)). Has high affinity for folate and folic acid analogs at neutral pH (PubMed:[23851396](http://www.uniprot.org/citations/23851396), PubMed:[23934049](http://www.uniprot.org/citations/23934049), PubMed:[2527252](http://www.uniprot.org/citations/2527252), PubMed:[8033114](http://www.uniprot.org/citations/8033114), PubMed:[8567728](http://www.uniprot.org/citations/8567728)). Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces

its affinity for folates and mediates their release (PubMed:8567728). Required for normal embryonic development and normal cell proliferation (By similarity).

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor Apical cell membrane; Lipid-anchor, GPI- anchor Basolateral cell membrane; Lipid-anchor, GPI-like-anchor. Secreted Cytoplasmic vesicle. Cytoplasmic vesicle, clathrin-coated vesicle. Endosome. Note=Endocytosed into cytoplasmic vesicles and then recycled to the cell membrane

Tissue Location

Primarily expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum. Detected in placenta and thymus epithelium.

Folate Binding Protein Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Folate Binding Protein Rabbit mAb - Images



