

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

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P15328</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>29819</b>

**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:<a href="http://www.uniprot.org/citations/8567728" target="\_blank">8567728</a>). 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



