

**FBP**  
Rabbit Monoclonal antibody(Mab)  
Catalog # AD80605

## Specification

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### FBP - Product info

Application	IHC-P
Primary Accession	<a href="#">P15328</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	29819

### FBP - Additional info

Gene ID **2348**

#### Other Names

Folate receptor alpha, FR-alpha, Adult folate-binding protein, FBP, Folate receptor 1, Folate receptor, adult, KB cells FBP, Ovarian tumor-associated antigen MOv18, FOLR1, FOLR

Storage **This product is stored at 2-8 °C, please use it within the expiration date.**

### FBP - Protein Information

Name FOLR1

Synonyms  
Function

#### FOLR

**Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells (PubMed:[19074442](#), PubMed:[23851396](#), PubMed:[23934049](#), PubMed:[2527252](#), PubMed:[8033114](#), PubMed:[8567728](#)). Has high affinity for folate and folic acid analogs at neutral pH (PubMed:[23851396](#), PubMed:[23934049](#), PubMed:[2527252](#), PubMed:[8033114](#), PubMed:[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). Cell membrane; Lipid-anchor, GPI-anchor Apical cell membrane; Lipid-anchor, GPI-anchor Basolateral cell membrane;**

Cellular Location

Tissue Location

**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  
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.**

### **FBP - 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](#)

### **FBP - Images**