

**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

Maintain refrigerated at 2-8°C

### 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-

Cellular Location

**Tissue Location**

**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**  
**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**