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Folate Binding Protein(FBP)抗体试剂(免疫组织化学)

Rabbit Monoclonal antibody(Mab)
Catalog # AD80605

Product Information

Application	IHC-P
Primary Accession	P15328
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	441I2C4
Calculated MW	29819

Additional Information

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
Dilution	IHC-P~~N/A
Storage	Maintain refrigerated at 2-8°C.

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, 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).
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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.