

**Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine)
Recombinant Antibody
Catalog # APR10452****Specification**

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P15328
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) - Additional Information**Target/Specificity**

FOLR1 / FRA

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

DM4

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) - 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:<a

[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](http://www.uniprot.org/citations/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

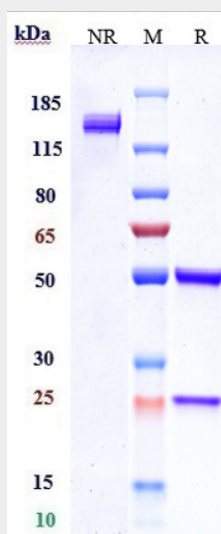
Primarily expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum. Detected in placenta and thymus epithelium.

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) - Protocols

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

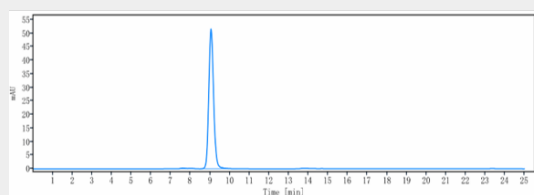
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) - Images



Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than

90%



The purity of Anti-FOLR1 / FRA Reference Antibody (mirvetuximab soravtansine) is more than 95% ,determined by SEC-HPLC.