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Anti-FOLR1 / FRA Reference Antibody (mirvetuximab-MMAE)

Recombinant Antibody
Catalog # APR10117

Specification

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

Application	**FC, E, FTA**
Primary Accession	P15328
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**151.23 KDa**

Anti-FOLR1 / FRA Reference Antibody (mirvetuximab-MMAE) - Additional Information

Target/Specificity
FOLR1 / FRA

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
MMAE

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-MMAE) - 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:<a

href="http://www.uniprot.org/citations/23934049" target="_blank">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

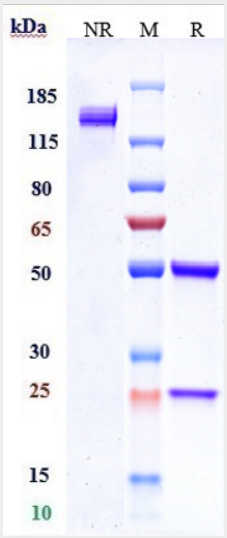
Tissue Location
Primarily expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum. Detected in placenta and thymus epithelium.

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

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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



Anti-FOLR1 / FRA Reference Antibody (mirvetuximab-MMAE) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%

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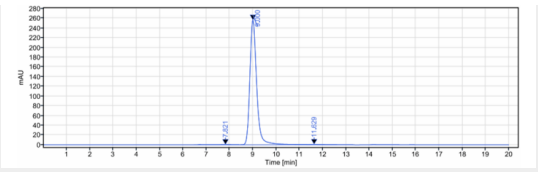
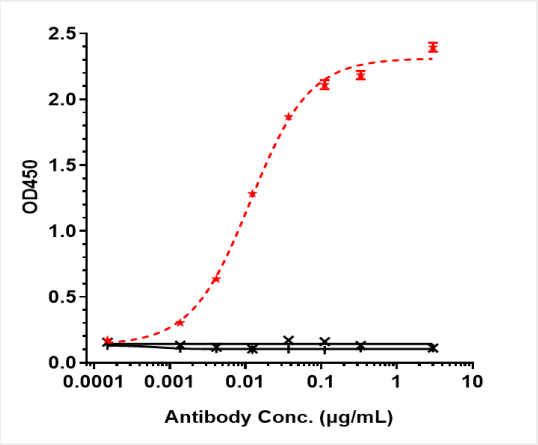


The purity of Anti-FOLR1 / FRA Reference Antibody (mirvetuximab-MMAE)is more than 98.89% ,determined by SEC-HPLC.



Immobilized human FRα His at 2 μg/mL can bind Anti-FOLR1 / FRA Reference Antibody (mirvetuximab-MMAE)EC50=0.01157 μg/mL