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

Recombinant Antibody
Catalog # APR10115

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P15328
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	29819

Additional Information

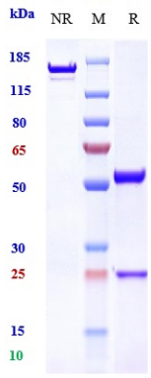
Target/Specificity	FOLR1 / FRA
Endotoxin Conjugation	MMAE
Expression system	CHO Cell
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

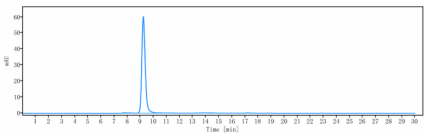
Name	FOLR1
Synonyms	FOLR
Function	Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells (PubMed:19074442, PubMed:23851396, PubMed:23934049, PubMed:2527252, PubMed:8033114, PubMed:8567728). Has high affinity for 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.

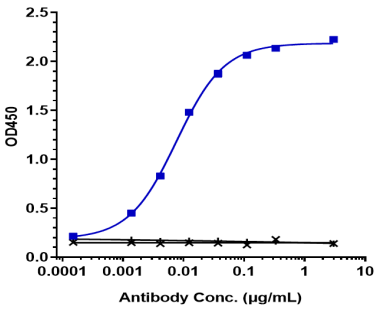
Images



Anti-FOLR1 / FRA Reference Antibody (farletuzumab-MMAE) 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 (farletuzumab-MMAE)is more than 95% ,determined by SEC-HPLC.



Immobilized human FRα His at 2 μg/mL can bind Anti-FOLR1 / FRA Reference Antibody (farletuzumab-MMAE),EC50=0.007651 μg/mL