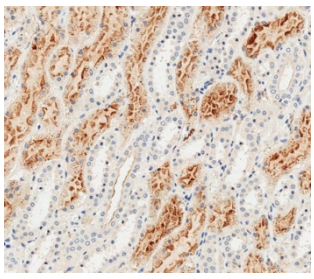
Folate Receptor alpha Antibody / FOLR1 (F54555)

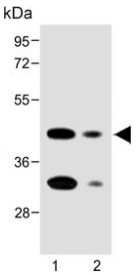
Catalog No.	Formulation	Size
F54555-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54555-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

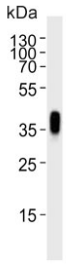
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P15328
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This Folate Receptor alpha antibody is available for research use only.



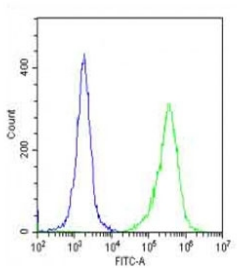
IHC testing of FFPE human kidney tissue with Folate Receptor alpha antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) 293T and 2) A549 cell lysate with Folate Receptor alpha antibody. Predicted molecular weight ~30 kDa but may be observed at higher molecular weights due to glycosylation.



Western blot testing of human HeLa cell lysate with Folate Receptor alpha antibody. Predicted molecular weight ~30 kDa but may be observed at higher molecular weights due to glycosylation.



Flow cytometry testing of fixed and permeabilized human HeLa cells with Folate Receptor alpha antibody; Blue=isotype control, Green= Folate Receptor alpha antibody.

Description

The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Folate Receptor alpha antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 33-68 from the human protein was used as the immunogen for the Folate Receptor alpha antibody.

Storage

Aliquot the Folate Receptor alpha antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.