Datasheet for ABIN952351

anti-FOLR1 antibody (N-Term)

3 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	FOLR1
Binding Specificity:	AA 515-542, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOLR1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide between 515-542 amino acids from the N-terminal region of Human Folate receptor alpha Genename: FOLR1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Folate receptor alpha (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	FOLR1
Alternative Name:	Folate Receptor alpha (FOLR1 Products)

Target Details

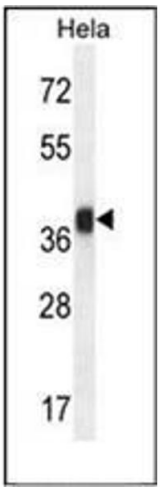
Background:	The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol 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.Synonyms: Adult folate-binding protein, FOLR, FOLR1, FR-alpha, Folate receptor 1, KB cells FBP, MOv18, Ovarian tumor-associated antigen MOv18
Molecular Weight:	29819 Da
Gene ID:	2348
NCBI Accession:	NP_000793
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

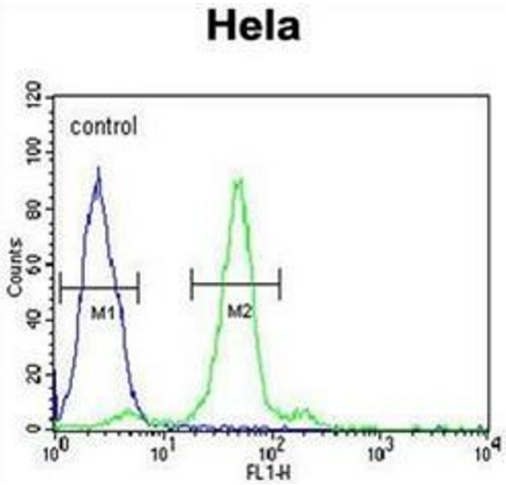
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



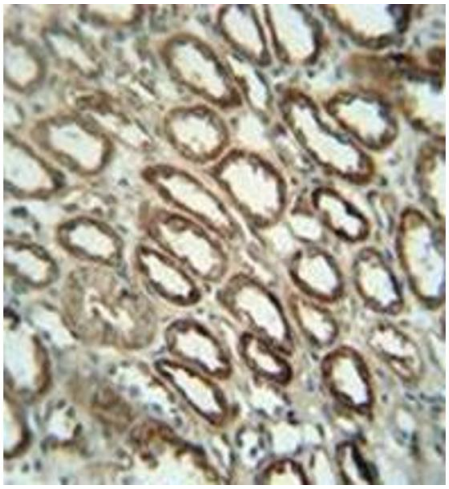
Western Blotting

Image 1. Western blot analysis of Folate receptor alpha Antibody (N-term) in Hela cell line lysates (35ug/lane).



Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using Folate receptor alpha Antibody (N-term) Cat.-No AP51696PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with Folate receptor alpha Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.