

Datasheet for ABIN7152990
anti-FOLR2 antibody (AA 35-167)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	FOLR2
Binding Specificity:	AA 35-167
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOLR2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Folate receptor beta protein (35-167AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FOLR2
Alternative Name:	FOLR2 (FOLR2 Products)
Background:	Background: Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. Has high affinity for folate

Target Details

and folic acid analogs at neutral pH . Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release.

Aliases: beta hFR antibody, FBP antibody, FBP/PL 1 antibody, FBP2 antibody, fetal/placental antibody, folate receptor 2 (fetal) antibody, Folate receptor 2 antibody, Folate receptor antibody, Folate receptor beta antibody, Folate receptor, fetal/placental antibody, Folbp 2 antibody, Folbp2 antibody, Folr2 antibody, FOLR2_HUMAN antibody, FR beta antibody, FR P3 antibody, FR-beta antibody, Placental folate binding protein antibody, Placental folate-binding protein antibody

UniProt: [P14207](#)

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

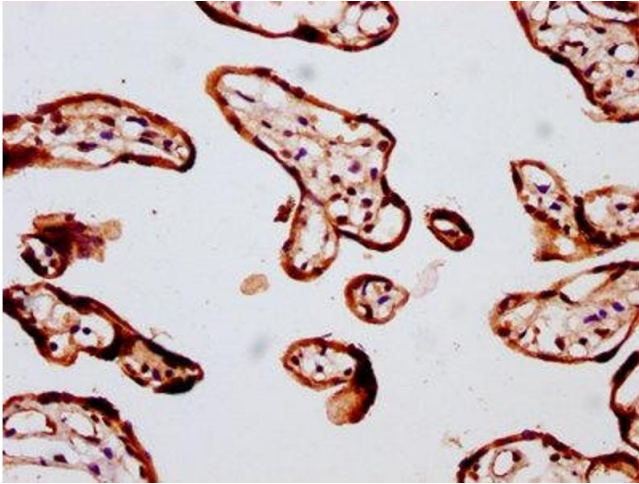
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

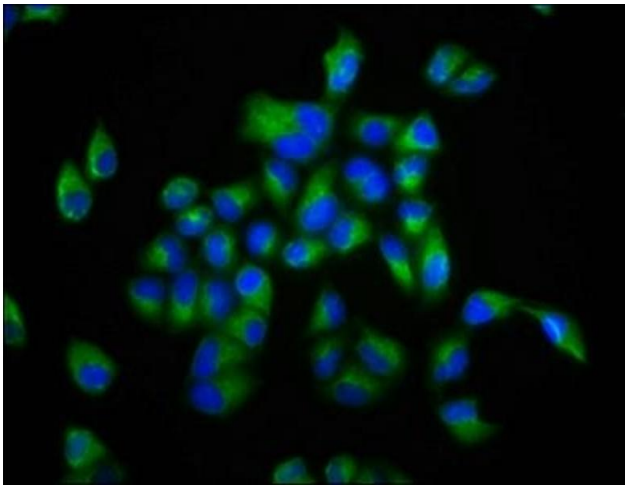
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7152990 diluted at 1:400 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HeLa cells with ABIN7152990 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).