

For Research Use Only

CoraLite® Plus 488-conjugated FOLR1 Polyclonal antibody



Catalog Number: **CL488-23355**

Featured Product

Basic Information

Catalog Number:

CL488-23355

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19959

GenBank Accession Number:

BC002947

GeneID (NCBI):

2348

UNIPROT ID:

P15328

Full Name:

folate receptor 1 (adult)

Calculated MW:

257 aa, 30 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

Species Specificity:

human

Background Information

Folate receptor 1 (FOLR1), also known as folate receptor alpha or adult folate-binding protein (FBP), is a 38-kDa glycoprotein belonging to the folate receptor family (PMID:15094207; 23528302). The receptor binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. FOLR1 is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 expression is often limited to the apical surfaces of epithelium in the lung, kidney and choroid plexus but is differentially overexpressed in a variety of solid tumors such as ovarian cancer, non-small cell lung cancer, breast cancer, kidney cancer and high-grade osteosarcoma (PMID: 23528302; 23357463).

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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