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FOLR2 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8660b

Product Information

Application	WB, E
Primary Accession	P14207
Reactivity	Human
Predicted	Mouse, Bovine, Canine, Rabbit
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b,κ
Clone Names	1905CT501.41.76
Calculated MW	29280

Additional Information

Gene ID	2350
Other Names	Folate receptor beta, FR-beta, Folate receptor 2, Folate receptor, fetal/placental, Placental folate-binding protein, FBP, FOLR2
Target/Specificity	This FOLR2 antibody is generated from a mouse immunized with a recombiant protein from human FOLR2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FOLR2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FOLR2
Function	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 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.

Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Secreted
Tissue Location	Expressed in placenta and hematopoietic cells. Expression is increased in malignant tissues

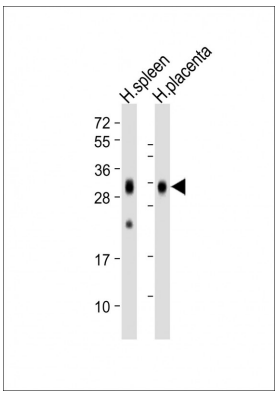
Background

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 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.

References

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Images



All lanes : Anti-FOLR2 Antibody at 1:1000-1:2000 dilution Lane 1: Human spleen lysate Lane 2: Human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 29 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.