

# FOLR2 Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AM8660b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P14207</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b, $\kappa$
<b>Clone Names</b>	1905CT501.41.76
<b>Calculated MW</b>	29280

## Additional Information

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<b>Gene ID</b>	2350
<b>Other Names</b>	Folate receptor beta, FR-beta, Folate receptor 2, Folate receptor, fetal/placental, Placental folate-binding protein, FBP, FOLR2
<b>Target/Specificity</b>	This FOLR2 antibody is generated from a mouse immunized with a recombinant protein from human FOLR2.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	FOLR2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FOLR2
<b>Function</b>	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.

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

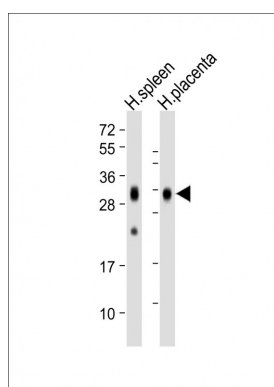
## Background

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## References

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Sadasivan E.,et al.J. Biol. Chem. 269:4725-4735(1994).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Freisheim J.H.,et al.Adv. Enzyme Regul. 29:13-26(1989).

## 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'.