

# Human Reduced Folate Carrier/SLC19A1 Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 890513

Catalog Number: FAB8450T  
100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Stains human Reduced Folate Carrier/SLC19A1 transfectants but not irrelevant transfectants in flow cytometry.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 890513
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	NS0 mouse myeloma cell line transfected with human Reduced Folate Carrier/SLC19A1 Met1-Gln591 Accession # P41440
<b>Conjugate</b>	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	HEK293 human embryonic kidney cell line transfected with human Reduced Folate Carrier/SLC19A1 and eGFP

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> ● 12 months from date of receipt, 2 to 8 °C as supplied.

## BACKGROUND

SLC19A1, also known as, Reduced Folate Carriers, is a transmembrane transporter that is involved in the regulation of intracellular concentrations of folate. There is an association between idiopathic recurrent spontaneous abortion (RSA) and 3 SLC19A1 polymorphisms that may be useful biomarkers for RSA risk. Three transcript variants encoding different isoforms have been found for this gene.

## PRODUCT SPECIFIC NOTICES

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