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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-RFC/SLC19A1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A01679-1-Fluoro594

About SLC19A1

Solute carrier family 19 (folate transporter), member 1, also known as SLC19A1 or RFC1, is a protein which in humans is encoded by the SLC19A1 gene. Transport of folate compounds into mammalian cells can occur via receptor-mediated or carrier-mediated mechanisms. A functional coordination between these 2 mechanisms has been proposed to be the method of folate uptake in certain cell types. Methotrexate (MTX) is an antifolate chemotherapeutic agent that is actively transported by the carrier-mediated uptake system. And RFC1 plays a role in maintaining intracellular concentrations of folate.

Overview

Product Name	Anti-RFC/SLC19A1 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P41440

Technical Details

Immunogen	E.coli-derived human RFC/SLC19A1 recombinant protein (Position: V198-N231).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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For Research Use Only. Not for use in diagnostic procedures.