Mouse FOLR1 Alexa Fluor® 532-conjugated Antibody

Antigen Affinity-purified Polyclonal Sheep IgG
Catalog Number: AF6936X
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse FOLR1 in direct ELISAs. In direct ELISAs, approximately 30% cross-reactivity with recombinant human FOLR1 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant mouse FOLR1 Arg23-Ser232 Accession # P35846
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.*

Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

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

BACKGROUND

Folate receptor 1 (FOLR1; also folate receptor alpha and folate binding protein 1/FOLBP1) is a 40-50 kDa member of the folate receptor family. FOLR1 is expressed in reticulocytes, retinal Muller cells and placenta, plus renal, mammary and thymic epithelium, where it mediates the transport of 5-methyltetrahydrofolate into the cell. The mouse FOLR1 preproprecursor is 255 amino acid (aa) in length. It contains a GPI-linked glycoprotein that is 208 aa in size (aa 25-232), and which possesses three potential N-linked glycosylation sites. There is one potential isoform variant that shows a 105 aa substitution for aa 110-255. Over aa 23-232, mouse FOLR1 shares 83% and 93% aa sequence identity with human and rat FOLR1, respectively.

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