

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FOLR4 in direct ELISAs and Western blots. In direct ELISAs, less than 5% cross-reactivity with recombinant human (rh) FOLR1, rhFOLR2, and rhFOLR3 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FOLR4 Glu134-Asn210 Accession # NP_001073955
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

Western Blot 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

FOLR4 (Folate receptor 4; also FR4 and folate receptor δ and folate binding protein 3) is a 34-36 kDa member of the folate receptor family of molecules. Based on mouse, it appears to be a marker for subsets of T cells. In particular, and in conjunction with CD25, FR4^{hi}CD25^{hi} expression defines T reg cells, FR4^{lo}CD25⁺ expression pattern identifies effector memory T cells, and a FR4^{hi}CD25⁻ combination characterizes central memory T cells. Mature human FOLR4 is 225 amino acids (aa) in length (aa 20-244). It contains virtually no identifiable motifs. There is one potential splice variant that shows a five aa substitution for aa 111-116. Over aa 134-220, human FOLR4 shares 72% aa identity with mouse FOLR4.

PRODUCT SPECIFIC NOTICES

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