

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FOLR2 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human FOLR1, 3, 4, or recombinant mouse FOLR2 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 583121
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human FOLR2 Gln22-His228 Accession # P14207
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.

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 2 (FOLR2), also known as Folate Receptor beta, is a 38 kDa glycoprotein that is anchored to the membrane via glycosyl phosphatidylinositol. It mediates the cellular uptake of dietary folates that are required for key steps in amino acid metabolism. FOLR2 is predominantly expressed in placenta, myeloid cells, and some CD34⁺ hematopoietic progenitor cells. It is upregulated on some cancer cells and at sites of chronic inflammation. Human FOLR2 shares 83% amino acid sequence identity with mouse and rat FOLR2.

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