



Human FOLR2 peptide (DAG-P0522)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients. Multiple transcript variants that encode the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
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Specificity	Expressed in placenta and hematopoietic cells. Expression is increased in malignant tissues.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the folate receptor family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	FOLR2 folate receptor 2 (fetal) [Homo sapiens (human)]
Official Symbol	FOLR2

Synonyms	FOLR2; folate receptor 2 (fetal); FBP; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1; folate receptor beta; folate receptor, beta; folate receptor, fetal/placental; placental folate-binding protein; folate-binding protein, fetal/placental;
Entrez Gene ID	2350
mRNA Refseq	NM_000803.4
Protein Refseq	NP_000794.3
UniProt ID	P14207
Chromosome Location	11q13.3-q13.5
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	folic acid binding; folic acid transporter activity;