



Mouse anti-Human FOLR2 monoclonal antibody, clone 5C23 (CABT-B10278)

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

PRODUCT INFORMATION

Immunogen	FOLR2 (NP_000794, 36 a.a. ~ 129 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5C23
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	HHKTKPGPEDKLHDQCSPWKKNACCTASTSQELHKDTSRLLYNFNWDHCGKMEPACKRHFQDTCLYECSPNLGPWIQQVNQTWRKERFLDVPL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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]

Keywords	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;
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GENE INFORMATION

Entrez Gene ID	2350
UniProt ID	Q6GTE8
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem
Function	folic acid binding; receptor activity
