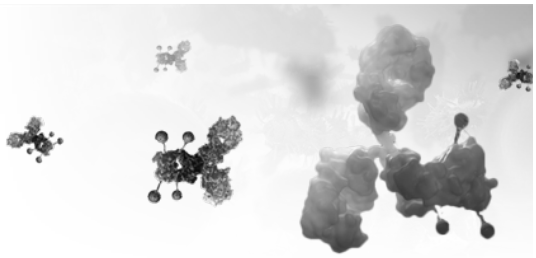

Mouse anti-Human HSD17B7 monoclonal antibody, clone 2H21 (CABT-B10432)

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

PRODUCT INFORMATION

Immunogen	HSD17B7 (NP_057455, 255 a.a. ~ 342 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	2H21
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	NAFTLTPYNGTEALVWLFHQKPESLNPLIKYLSATTGFGRNYIMTQKMDLDEDTAEKFYQ KLLELEKHIRVTIQKTDNQARLSGSCL*
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	HSD17B7 encodes an enzyme that functions both as a 17-beta-hydroxysteroid dehydrogenase (EC 1.1.1.62) in the biosynthesis of sex steroids and as a 3-ketosteroid reductase (EC

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	1.1.1.270) in the biosynthesis of cholesterol (Marijanovic et al., 2003 [PubMed 12829805]).[supplied by OMIM, May 2010]
Keywords	HSD17B7; hydroxysteroid (17-beta) dehydrogenase 7; PRAP; SDR37C1; 3-keto-steroid reductase; 17 beta-hydroxysteroid dehydrogenase type VII; 17-beta-HSD 7; 17-beta-hydroxysteroid dehydrogenase 7; 17beta hydroxysteroid dehydrogenase; estradiol 17-beta-dehydrogenase 7; short chain dehydrogenase/reductase family 37C, member 1;

GENE INFORMATION

Entrez Gene ID	51478
UniProt ID	P56937
Pathway	Cholesterol biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Steroid Biosynthesis, organism-specific biosystem; Steroid biosynthesis, organism-specific biosystem; Steroid biosynthesis, conserved biosystem
Function	3-keto sterol reductase activity; binding; estradiol 17-beta-dehydrogenase activity; oxidoreductase activity; prolactin receptor binding

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