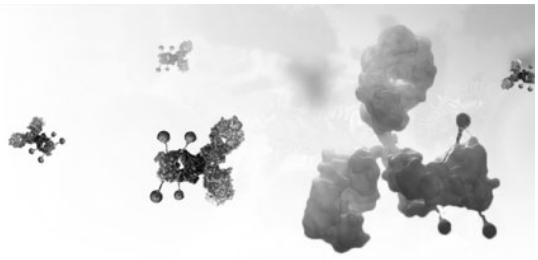

Anti-HSD17B2 monoclonal antibody, clone 4F0 (DCABH-1921)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to HSD17B2
Antigen Description	Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH.
Immunogen	Recombinant full length Human HSD17B2 (NP_002144) produced in HEK293T cells.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4F0
Purity	Protein G purified
Purification	This antibody was purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	WB: Transfected HEK293T lysate Flow Cyt: Jurkat and transfected HEK293T cells
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA

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Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	HSD17B2 hydroxysteroid (17-beta) dehydrogenase 2 [Homo sapiens]
Official Symbol	HSD17B2
Synonyms	HSD17B2; hydroxysteroid (17-beta) dehydrogenase 2; estradiol 17-beta-dehydrogenase 2; HSD17; SDR9C2; short chain dehydrogenase/reductase family 9C; member 2; E2DH; 20-alpha-HSD; 17-beta-HSD 2; testosterone 17-beta-dehydrogenase; 20 alpha-hydroxysteroid de
Entrez Gene ID	3294
Protein Refseq	NP_002144
UniProt ID	P37059
Chromosome Location	16q24.1-q24.2
Pathway	Metabolic pathways, organism-specific biosystem; Steroid Biosynthesis, organism-specific biosystem; Steroid hormone biosynthesis, organism-specific biosystem; Steroid hormone biosynthesis, conserved biosystem.
Function	17-alpha,20-alpha-dihydroxypregn-4-en-3-one dehydrogenase activity; estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity; testosterone 17-beta-dehydrogenase (NAD+) activity;

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