

Product datasheet for **CF504616**

HSD17B2 Mouse Monoclonal Antibody [Clone ID: OTI3E9]

Product data:

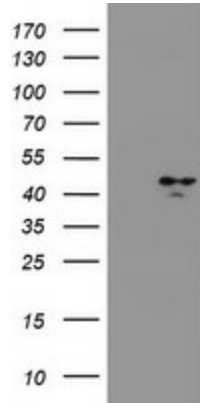
Product Type:	Primary Antibodies
Clone Name:	OTI3E9
Applications:	FC, WB
Recommended Dilution:	WB 1:2000, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human HSD17B2(NP_002144) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42.6 kDa
Gene Name:	hydroxysteroid 17-beta dehydrogenase 2
Database Link:	NP_002144 Entrez Gene 3294 Human P37059
Synonyms:	EDH17B2; HSD17; SDR9C2
Protein Families:	Druggable Genome, Transmembrane



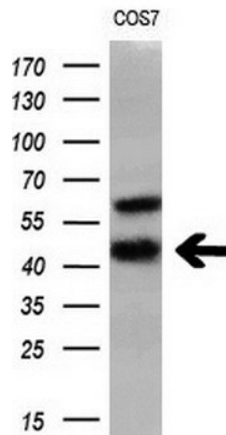
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Protein Pathways: Androgen and estrogen metabolism, Metabolic pathways

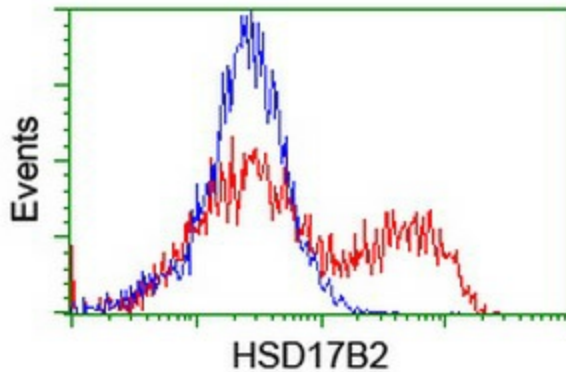
Product images:



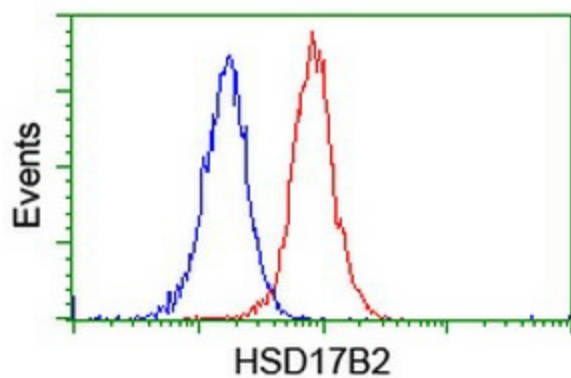
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HSD17B2 ([RC203293], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HSD17B2. Positive lysates [LY419500] (100ug) and [LC419500] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 1 cell line by using anti-HSD17B2 monoclonal antibody (1:200).



HEK293T cells transfected with either [RC203293] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HSD17B2 antibody ([TA504616]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-HSD17B2 antibody ([TA504616]), (Red), compared to a nonspecific negative control antibody, (Blue).