

## Product datasheet for **CF504565**

### **HSD17B2 Mouse Monoclonal Antibody [Clone ID: OTI4F10]**

#### **Product data:**

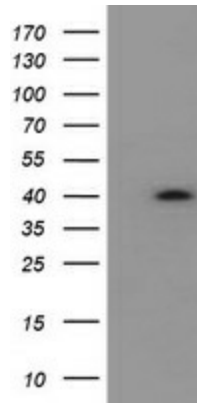
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4F10
<b>Applications:</b>	FC, WB
<b>Recommended Dilution:</b>	WB 1:2000, FLOW 1:100
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human HSD17B2(NP_002144) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	42.6 kDa
<b>Gene Name:</b>	hydroxysteroid 17-beta dehydrogenase 2
<b>Database Link:</b>	<a href="#">NP_002144</a> <a href="#">Entrez Gene 3294 Human</a> <a href="#">P37059</a>
<b>Synonyms:</b>	EDH17B2; HSD17; SDR9C2
<b>Protein Families:</b>	Druggable Genome, Transmembrane



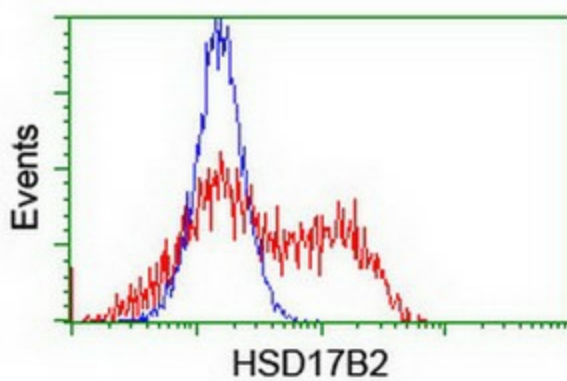
[View online »](#)

Protein Pathways: Androgen and estrogen metabolism, Metabolic pathways

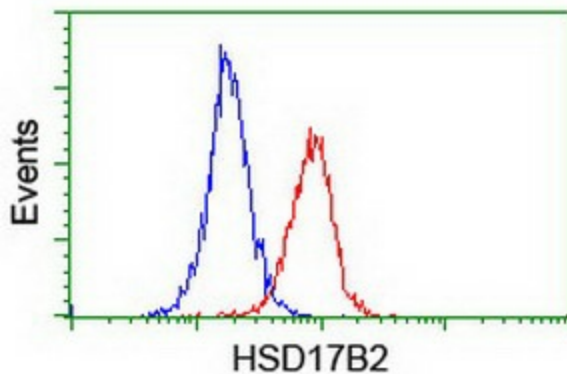
**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY HSD17B2 (Cat# [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(Cat# [TA504565]). Positive lysates [LY419500] (100ug) and [LC419500] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC203293] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-HSD17B2 antibody ([TA504565]), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-HSD17B2 antibody ([TA504565]), (Red), compared to a nonspecific negative control antibody, (Blue).