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Product datasheet for TA301417

HSD3B1 Mouse Monoclonal Antibody [Clone ID: FDO66Q]

Product data:

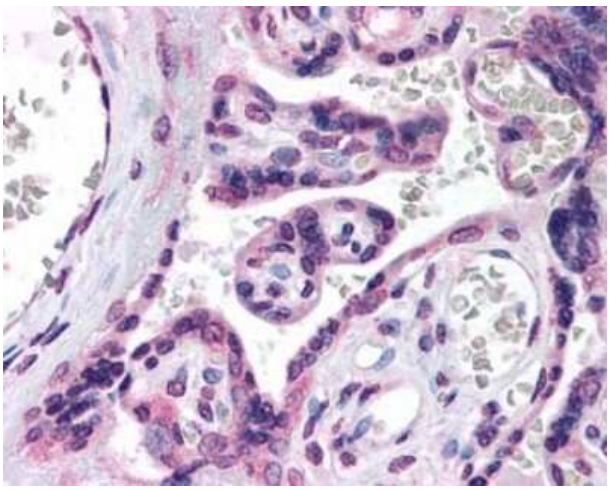
Product Type:	Primary Antibodies
Clone Name:	FDO66Q
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Western Blot, Immunohistochemistry-Paraffin: 10-20 ug/ml, Immunohistochemistry: 10-20 ug/ml, Immunocytochemistry/ Immunofluorescence: 10-20 ug/ml, Immunohistochemistry-Frozen: 10-20 ug/ml
Reactivity:	Human, Baboon, Marmoset
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	JEG Choriocarcinoma cells
Formulation:	Tris-glycine, 150mM NaCl and 0.05% sodium azide
Concentration:	lot specific
Purification:	protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
Database Link:	NP_000853 Entrez Gene 3283 Human P14060
Background:	3-beta hydroxysteroid dehydrogenase (HSD3B1) is a bifunctional enzyme involved in the oxidative conversion of ketosteroids that plays an important role in the synthesis of all steroid hormones. There are two HSD3B1 proteins, designated type I and type II, that are expressed by different genes and function in different areas of the body. HSD3B1 has also been shown to be a highly specific and sensitive trophoblast-associated marker (Mao et. al).
Synonyms:	3BETAHSD; HSD3B; HSDB3; HSDB3A; I; SDR11E1

View online »

Protein Families: Transmembrane

Protein Pathways: Androgen and estrogen metabolism, C21-Steroid hormone metabolism, Metabolic pathways

Product images:



Immunohistochemistry: HSD3B1 Antibody (FDO66Q) TA301417 - Staining of placental villi.