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HSD3B1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HSD3B1.
Catalog # AT2439a

Product Information

Application	WB, IHC
Primary Accession	P14060
Other Accession	BC031999
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3C11-D4
Calculated MW	42252

Additional Information

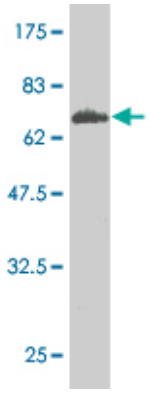
Gene ID	3283
Other Names	3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 1, 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type I, 3-beta-HSD I, Trophoblast antigen FDO161G, 3-beta-hydroxy-Delta(5)-steroid dehydrogenase, 3-beta-hydroxy-5-ene steroid dehydrogenase, Progesterone reductase, Steroid Delta-isomerase, Delta-5-3-ketosteroid isomerase, HSD3B1, 3BH, HSDB3A
Target/Specificity	HSD3B1 (AAH31999.1, 1 a.a. ~ 373 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1.5ug/ml
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	HSD3B1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

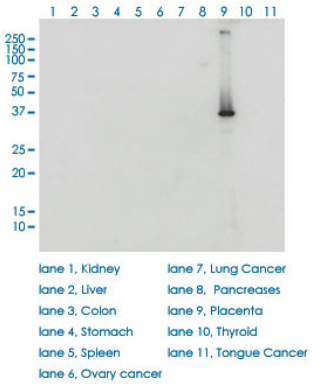
1.Gestational Trophoblastic Tumors and Related Tumor-Like Lesions.Shih IM, Mazur MT, Kurman RJ.Blaustein's Pathology of the Female Genital Tract 2011, 1075-1135, DOI: 10.1007/978 -1-4419-0489-8_202.Advances in the diagnosis of gestational trophoblastic tumors and tumor-like lesions.Mao TL, Shih IM.Expert Opin. Med. Diagn. (2009) 3(4):371-3803.Chorangiocarcinoma: A Case Report and Review of the Literature.Ariel I, Boldes R, Weintraub A, Reinus C, Beller U, Arbel R.Int J Gynecol Pathol.

2009 May;28(3):267-71.4.HSD3B1 as a novel trophoblast-associated marker that assists in the differential diagnosis of trophoblastic tumors and tumorlike lesions.Mao TL, Kurman RJ, Jeng YM, Huang W, Shih IM.Am J Surg Pathol. 2008 Feb;32(2):236-42.5.Trophogram, an immunohistochemistry-based algorithmic approach, in the differential diagnosis of trophoblastic tumors and tumorlike lesions.Shih IeM.Ann Diagn Pathol. 2007 Jun;11(3):228-34.

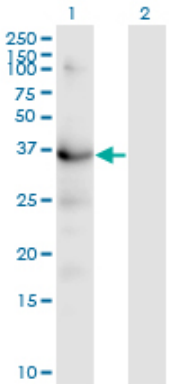
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (66.77 KDa) .

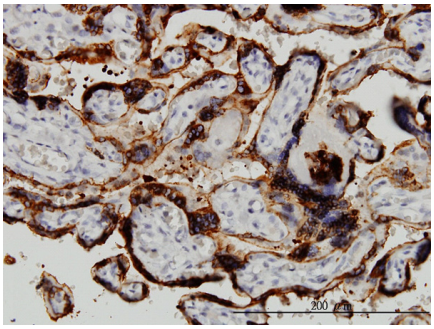


HSD3B1 monoclonal antibody (M01), clone 3C11-D4. Western Blot analysis of HSD3B1 expression in human placenta.



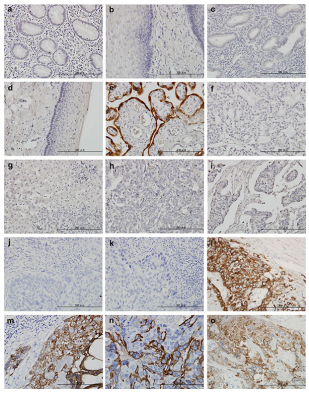
Western Blot analysis of HSD3B1 expression in transfected 293T cell line by HSD3B1 monoclonal antibody (M01), clone 3C11-D4.

Lane 1: HSD3B1 transfected lysate (Predicted MW: 42.3 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to HSD3B1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

Immunohistochemical staining of various tissues with



hematoxylin and HSD3B1 antibody under high magnification.[antibody concentration 3 ug/ml]
(a) Stomach
(b) Esophagus
(c) Endometrium
(d) Uterine cervix
(e) Placenta
(f) Ovary, clear cell carcinoma
(g) Hepatocellular carcinoma
(h) Breast cancer
(i) Colon adenocarcinoma
(j and k) Cervical carcinoma
(l, m, and n) Choriocarcinoma
(o) Epithelioid trophoblastic tumor.

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