

HSD3B1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant HSD3B1.

Catalog # AT2439a

Specification

HSD3B1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC
Primary Accession	P14060
Other Accession	BC031999
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	42252

HSD3B1 Antibody (monoclonal) (M01) - 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

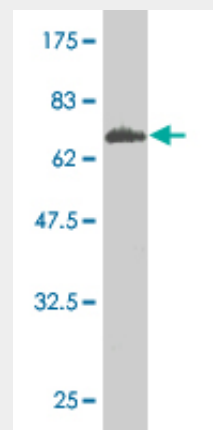
WB~~1:500~1000

Format

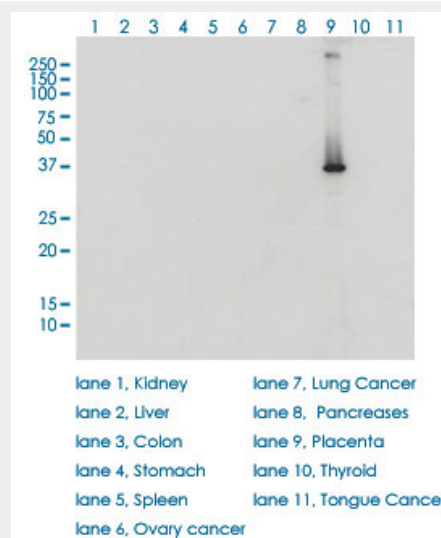
Clear, colorless solution in phosphate
buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.



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.

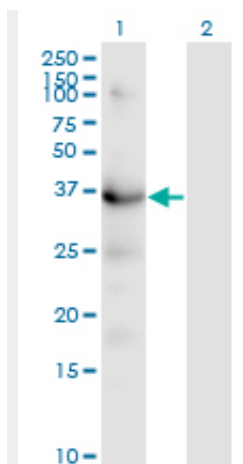
Precautions

HSD3B1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

HSD3B1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

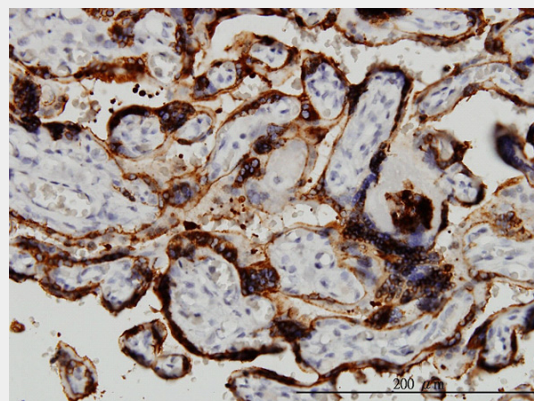
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



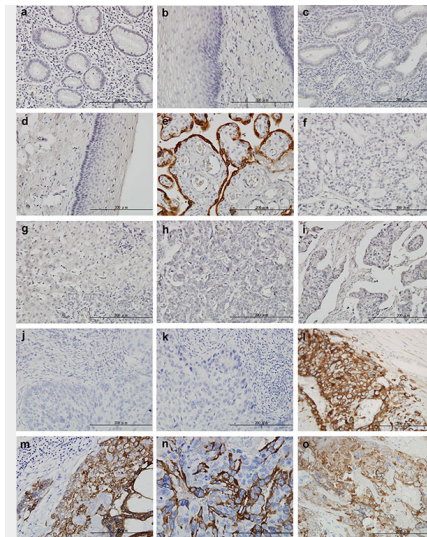
Western Blot analysis of HSD3B1 expression in transfected 293T cell line by HSD3B1 monoclonal antibody (M01), clone 3C11-D4.

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.

HSD3B1 Antibody (monoclonal) (M01) - 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

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