

Datasheet

HSD3B1 monoclonal antibody (M01), clone 3C11-D4

Catalog Number: H00003283-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant HSD3B1.

Clone Name: 3C11-D4

Immunogen: 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.

Sequence:

MTGWSCLVTGAGGFLGQRIIRLLVKEKELKEIRVLDKA
FGPELREEFSKLQNKTKLTVLEGDILDEPFLKRCQDV
SVIIHTACIIDVFGVTHRESIMNVNVKGTQLLLEACVQA
SVPVFIYTSSIEVAGPNSYKEIIQNGHEEEPLENTWPAP
YPHSKKLAEKAVLAANGWNLKNGGTLTYCALRPMYIY
GEGSRFLSASINEALNNNGILSSVGKFSTVNPVYVGNV
AWAHILALRALQDPKAPSIRGQFYISDDTPHQSYDN
LNYTLSKEFGLRLDSRWSFPLSLMYWIGFLEIVSFLR
PIYTYRPPFNRHIVTLSNSVFTFSYKKAQRDLAYKPLYS
WEEAKQKTVEWVWGLVDRHKENLKSQTQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 3283

Gene Symbol: HSD3B1

Gene Alias: HSD3B, HSDB3, SDR11E1

References:

1. Expression of steroidogenic enzymes and their transcription factors in cortisol-producing adrenocortical adenomas: immunohistochemical analysis and quantitative RT-PCR studies. Kubota F, Nakamura Y, Konosu-Fukaya S, Azmahani A, Ise K, Yamazaki Y, Kitawaki Y, Felizola SJ, Ono Y, Omata K, Morimoto R, Iwama N, Satoh F, Sasano H. Hum Pathol. 2016 Apr 13. [Epub ahead of print]
2. Steroidogenic enzymes, their related transcription factors and nuclear receptors in human sebaceous glands under normal and pathological conditions. Azmahani A, Nakamura Y, Felizola SJ, Ozawa Y, Ise K, Inoue T, McNamara KM, Doi M, Okamura H, Zouboulis CC, Aiba S, Sasano H J Steroid Biochem Mol Biol. 2014 Jul 29. pii: S0960-0760(14)00134-4. doi: 10.1016/j.jsbmb.2014.07.010.
3. 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_20