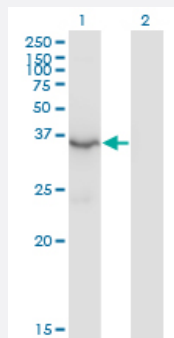


HSD3B2 monoclonal antibody (M02), clone 1E8

Catalog # H00003284-M02

Size 100 ug

Applications

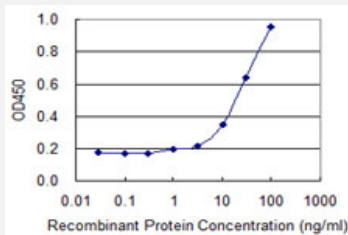


Western Blot (Transfected lysate)

Western Blot analysis of HSD3B2 expression in transfected 293T cell line by HSD3B2 monoclonal antibody (M02), clone 1E8.

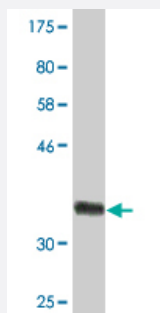
Lane 1: HSD3B2 transfected lysate (42.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSD3B2 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant HSD3B2.

Immunogen	HSD3B2 (NP_000189.1, 33 a.a. ~ 122 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ALDKAFRPELREEFSKLQNRTKLTVLEGDILDEPFLKRACQDVSVVIHTACIIDVFGVTHRESIMNV NVKGTQLLLEACVQASVPVFYT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of HSD3B2 expression in transfected 293T cell line by HSD3B2 monoclonal antibody (M02), clone 1E8.

Lane 1: HSD3B2 transfected lysate(42.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSD3B2 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HSD3B2

Entrez GeneID	3284
GeneBank Accession#	NM_000198
Protein Accession#	NP_000189.1
Gene Name	HSD3B2
Gene Alias	HSDB, HSDB3, SDR11E2
Gene Description	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
Omim ID	201810
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	3 beta-HSD type II 3 beta-hydroxysteroid dehydrogenase type II, delta 5-delta 4-isomerase type II, 3 beta-HSD type II OTTHUMP00000014489 delta 5-delta 4-isomerase type II hydroxy-delta-5-steroid dehydrogenase, 3 beta-and steroid delta-isomerase 2 short ch

Publication Reference

- [Pomegranate extracts impact the androgen biosynthesis pathways in prostate cancer models in vitro and in vivo.](#)

Ming DS, Pham S, Deb S, Chin MY, Kharmate G, Adomat H, Beheshti EH, Locke J, Guns ET.

The Journal of Steroid Biochemistry and Molecular Biology 2014 Sep; 143:19.

Application: WB-Ce, Human, LNCaP, 22RV1 cells

Pathway

- [Androgen and estrogen metabolism](#)
- [C21-Steroid hormone metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
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- [Werner syndrome](#)