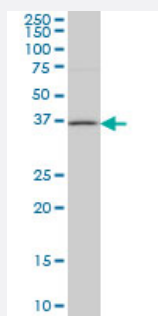


HSD17B1 monoclonal antibody (M03A), clone 2E5

Catalog # H00003292-M03A

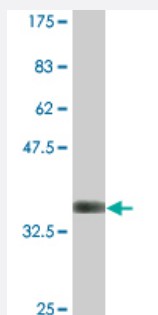
Size 200 uL

Applications



Western Blot (Cell lysate)

HSD17B1 monoclonal antibody (M03A), clone 2E5 Western Blot analysis of HSD17B1 expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HSD17B1.
Immunogen	HSD17B1 (NP_000404, 189 a.a. ~ 285 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VHTAFMEKVLGSPEEVLDRDTHTFHRFYQYLAHRSKQVFREAAQNPEEVAEVFLTALRAPKPTLR YFTTERFLPLLRMLDDPSGSNYVTAMHREVF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (61); Rat (61)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

HSD17B1 monoclonal antibody (M03A), clone 2E5 Western Blot analysis of HSD17B1 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSD17B1

Entrez GeneID	3292
GeneBank Accession#	NM_000413
Protein Accession#	NP_000404
Gene Name	HSD17B1
Gene Alias	EDH17B2, EDHB17, HSD17, MGC138140, SDR28C1
Gene Description	hydroxysteroid (17-beta) dehydrogenase 1
Omim ID	109684
Gene Ontology	Hyperlink
Gene Summary	member 1

Other Designations

Estradiol 17-beta-dehydrogenase-1|hydroxysteroid (17-beta) dehydrogenase 1 isoform|short chain dehydrogenase/reductase family 28CE, member 1

Publication Reference

- [Cell facilitation promotes growth and survival under drug pressure in breast cancer.](#)

Rena Emond, Jason I Griffiths, Vince Kornél Grolmusz, Aritro Nath, Jinfeng Chen, Eric F Medina, Rachel S Sousa, Timothy Synold, Frederick R Adler, Andrea H Bild.

Nature Communications 2023 Jun; 14(1):3851.

Application: WB, Human, CAMA-1, LY2, MCF7 cells

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Appetite](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cryptorchidism](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Esophageal Neoplasms](#)
- [Fibroadenoma](#)

- [Fibrocystic Breast Disease](#)
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