

HSD17B3 mouse monoclonal antibody (hybridoma)

Catalog # H00003293-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant HSD17B3.
Immunogen	HSD17B3 (NP_000188.1, 1 a.a. ~ 310 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MGDVLEQFFILTGLLVCLACLAKCVRFSRCVLLNYWKVLPKSFLRSMGQWAVITGAGDGIGKAYS FELAKRGLNNVLISRTLEKLEAIAIEIERTTGRSVKIIQADFTKDDIYEHKEKLAGLEIGILVNNVGMLP NLLPSHFLNAPDEIQSLIHCNITSVVKMTQLILKHMESRQKGLILNISSGIALFPWPLYSMYSASKAFV CAFSKALQEEYKAKEVIIQVLTPYAVSTAMTKYLNTNVITKTADEFVKESLNYVTIGGETCGCLAHEIL AGFLSLIPAWAFYSGAFQRLLLTHYVAYLKLNTKVR
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HSD17B3

Entrez GeneID	3293
GeneBank Accession#	NM_000197.1
Protein Accession#	NP_000188.1
Gene Name	HSD17B3
Gene Alias	EDH17B3, SDR12C2
Gene Description	hydroxysteroid (17-beta) dehydrogenase 3
Omim ID	264300 605573
Gene Ontology	Hyperlink
Gene Summary	This isoform of 17 beta-hydroxysteroid dehydrogenase is expressed predominantly in the testis and catalyzes the conversion of androstenedione to testosterone. It preferentially uses NADP as co factor. Deficiency can result in male pseudohermaphroditism with gynecomastia. [provided by RefSeq]
Other Designations	17-beta-HSD3 OTTHUMP00000021718 estradiol 17 beta-dehydrogenase 3 short chain dehydrogenase/reductase family 12C, member 2

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Hypospadias](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Stomach Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)