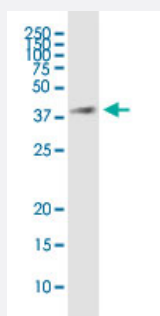


HSD17B7 monoclonal antibody (M01), clone 1G10

Catalog # H00051478-M01

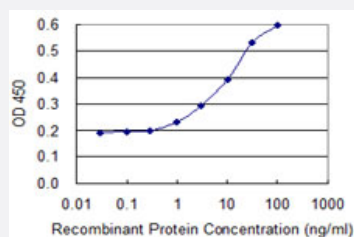
Size 100 ug

Applications



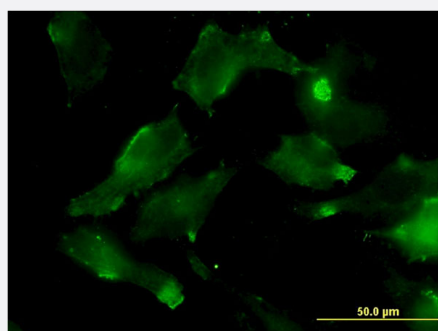
Western Blot (Tissue lysate)

HSD17B7 monoclonal antibody (M01), clone 1G10. Western Blot analysis of HSD17B7 expression in rat testis.



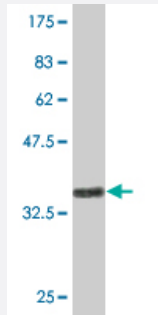
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSD17B7 is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to HSD17B7 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.31 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HSD17B7.
Immunogen	HSD17B7 (NP_057455.1, 255 a.a. ~ 341 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NAFTLTPYNGTEALVWLFHQKPESLNPLIKYLSATTGFGGRNYIMTQKMDLDEDTAEKFYQKLLELEK HIRVTIQKTDNQARLSGSCL
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (74); Rat (75)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.31 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 (Tissue lysate)

HSD17B7 monoclonal antibody (M01), clone 1G10. Western Blot analysis of HSD17B7 expression in rat testis.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSD17B7 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to HSD17B7 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — HSD17B7

Entrez GeneID [51478](#)

GeneBank Accession# [NM_016371](#)

Protein Accession# [NP_057455.1](#)

Gene Name HSD17B7

Gene Alias MGC12523, MGC75018, PRAP, SDR37C1

Gene Description hydroxysteroid (17-beta) dehydrogenase 7

Omim ID [606756](#)

Gene Ontology [Hyperlink](#)

Gene Summary The 17-beta-hydroxysteroid dehydrogenase enzyme (EC 1.1.1.62) oxidizes or reduces estrogens and androgens in mammals and regulates the biologic potency of these steroids.[supplied by OMI M

Other Designations 17 beta-hydroxysteroid dehydrogenase type VII|17beta hydroxysteroid dehydrogenase|OTTHUM P00000032328|short chain dehydrogenase/reductase family 37C, member 1

Pathway

- [Androgen and estrogen metabolism](#)

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Metabolic pathways](#)
- [Steroid biosynthesis](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Infection](#)
- [Inflammation](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Premature Birth](#)