

HSD17B7 monoclonal antibody (M01), clone 1G10

Catalog # : H00051478-M01

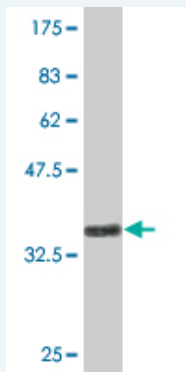
規格 : [100 ug]

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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:	NAFTLTPYNGTEALVWLFHQKPESLNPLIKYLSATTGFGRNYIMTQKMDL DEDTAEKFYQKLELEKHIRVTIQKTDNQARLSGSC
Host:	Mouse
Reactivity:	Human, Rat
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.

MSDS: [Download](#)

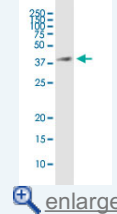
Datasheet: [Download](#)

Applications

Western Blot (Tissue lysate)

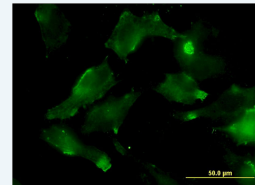
Application Image

Western Blot (Tissue lysate)

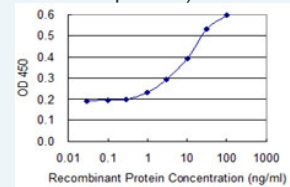


Western Blot (Recombinant protein)

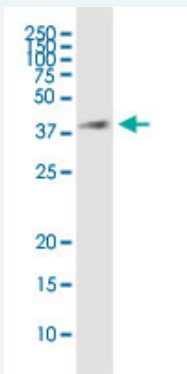
Immunofluorescence



Sandwich ELISA (Recombinant protein)



ELISA



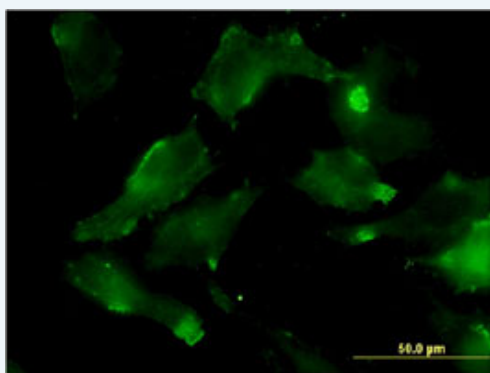
HSD17B7 monoclonal antibody (M01), clone 1G10. Western Blot analysis of HSD17B7 expression in rat testis.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence

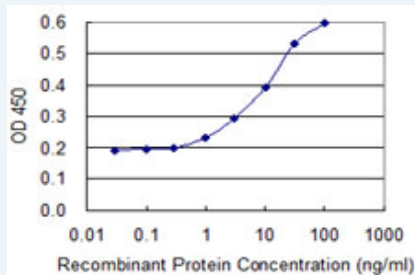


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Immunofluorescence of monoclonal antibody to HSD17B7 on HeLa cell . [antibody concentration 10 ug/ml]

[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

Gene Information

Entrez GeneID: [51478](#)

GeneBank [NM_016371](#)

Accession#:

Protein [NP_057455.1](#)

Accession#:

Gene Name: HSD17B7

Gene Alias: MGC12523,MGC75018,PRAP,SDR37C1

Gene hydroxysteroid (17-beta) dehydrogenase 7

Description:

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 OMIM]

Other Designations: 17 beta-hydroxysteroid dehydrogenase type VII,17beta hydroxysteroid dehydrogenase,OTTHUMP00000032328,short chain dehydrogenase/reductase family 37C, member 1

Gene Pathway

[Androgen and estrogen metabolism](#)

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

[Steroid biosynthesis](#)

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