

Mouse HSD17B2 Monoclonal Antibody | anti-HSD17B2 antibody

HSD17B2 antibody

CATALOG # AAA106845	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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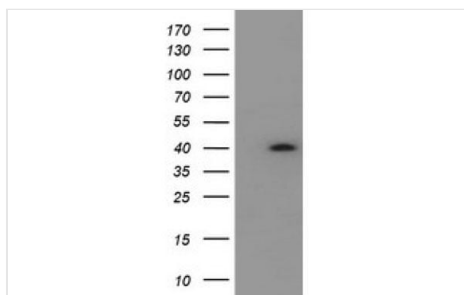
PRODUCT SYNONYMS

HSD17B2; Monoclonal Antibody; HSD17B2 antibody; Monoclonal HSD17B2; Anti-HSD17B2; EDH17B2; HSD17; SDR9C2; HSDB2 17; HSDB2-17; anti-HSD17B2 antibody

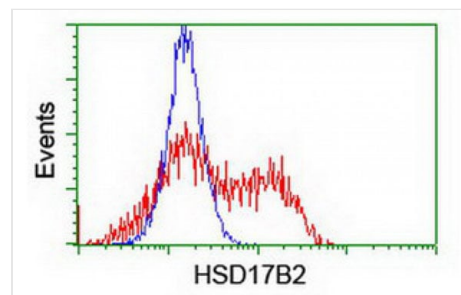
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4F10
Purity/Purification	HSD17B2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	227
Applicable Applications for anti-HSD17B2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	This protein is capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH.
Cross-Reactivity	Human
Immunogen	HSD17B2 antibody was raised in Mouse using full length human recombinant protein of human HSD17B2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant HSD17B2 protein (Right) or empty vector (Left) detected with HSD17B2 antibody


FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant HSD17B2 protein (red) or empty vector (blue) stained using HSD17B2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-HSD17B2 antibody	Mouse monoclonal HSD17B2 antibody
Product Categories/Family for anti-HSD17B2 antibody	Hormones & Steroids

NCBI AND UNIPROT INFORMATION

NCBI GI #	15215149
NCBI GeneID	15486
UniProt Accession #	P51658 ; O08898
Molecular Weight	41,836 Da
NCBI Official Full Name	Hsd17b2 protein
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 2
NCBI Official Symbol	Hsd17b2
NCBI Official Synonym Symbols	AI194836; AI194967; AI255511
NCBI Protein Information	estradiol 17-beta-dehydrogenase 2
UniProt Protein Name	Estradiol 17-beta-dehydrogenase 2
UniProt Gene Name	Hsd17b2
UniProt Synonym Gene Names	Edh17b2; 17-beta-HSD 2
UniProt Entry Name	DHB2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hsd17b2-antibody-clone-4f10-western-blot-flow-cytometry-elisa/106845>