

Product Name: KD-Validated HSD17B8 Mouse Monoclonal Antibody**Catalog #: KVA00046**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 27.0kDa

Antigen Information

Gene Name	HSD17B8 HSD17B8; Hydroxysteroid 17-Beta Dehydrogenase 8; SDR30C1; RING2; HKE6; D6S2245E; H2-KE6; FABGL; KE6; 3-Ketoacyl-[Acyl-Carrier-Protein] Reductase Alpha Subunit; Short Chain Dehydrogenase/Reductase Family 30C Member 1; 3-Oxoacyl-[Acyl-Carrier-Protein] Reductase; 17-Beta-Hydroxysteroid Dehydrogenase 8; (3R)-3-Hydroxyacyl-CoA Dehydrogenase; Testosterone 17-Beta-Dehydrogenase 8; Estradiol 17-Beta-Dehydrogenase 8; KAR Alpha Subunit; 17-Beta-HSD 8; Protein Ke6; Fab G (Beta-Ketoacyl-[Acyl-Carrier-Protein] Reductase, E Coli) Like (E. Coli); Short Chain Dehydrogenase/Reductase Family 30C, Member 1; Hydroxysteroid (17-Beta) Dehydrogenase 8; Really Interesting New Gene 2 Protein; Estrogen 17-Oxidoreductase; EC 1.1.1.N12; EC 1.1.1.239; DJ1033B10.9; EC 1.1.1.62; FABG; Ke-6; Ke6
Alternative Names	

Gene ID	7923.0
SwissProt ID	Q92506
Immunogen	Recombinant protein of human HSD17B8

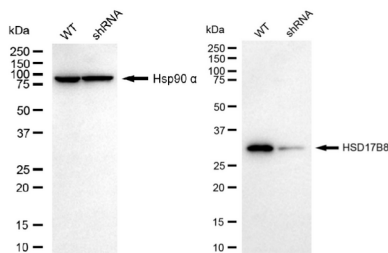
Background

In mice, the Ke6 protein is a 17-beta-hydroxysteroid dehydrogenase that can regulate the concentration of biologically active estrogens and androgens. It is preferentially an oxidative enzyme and inactivates estradiol, testosterone, and dihydrotestosterone. However, the enzyme has some reductive activity and can synthesize estradiol from estrone. The protein encoded by this gene is similar to Ke6 and is a member of the short-chain dehydrogenase superfamily. An alternatively spliced transcript of this gene has been detected, but the full-length nature of this variant has not been determined. [provided by RefSeq, Jul 2008]

Research Area

Signal Transduction, Neuroscience

Image Data



Western blotting analysis using HSD17B8 antibody (KVA00046). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HSD17B8 antibody (KVA00046, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.

