HSD17B3 Mouse mAb

Catalog No	YP-mAb-18871
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	HSD17B3 EDH17B3
Protein Name	Testosterone 17-beta-dehydrogenase 3 (17-beta-hydroxysteroid dehydrogenase type 3) (17-beta-HSD 3) (Testicular 17-beta-hydroxysteroid dehydrogenase)
Immunogen	Synthesized peptide derived from human HSD17B3
Specificity	This antibody detects endogenous levels of HSD17B3 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	34kD
Cell Pathway	Endoplasmic reticulum .
Tissue Specificity	Testis.
Function	Catalyzes the conversion of 17-oxosteroids to 17beta-hydroxysteroids . Favors the reduction of androstenedione to testosterone . Testosterone is the key androgen driving male development and function . Uses NADPH while the two other EDH17B enzymes use NADH . Androgens such as epiandrosterone, dehydroepiandrosterone, androsterone and androstanedione are accepted as substrates and reduced at C-17 . Can reduce 11-ketoandrostenedione as well as 11beta-hydroxyandrostenedione at C-17 to the respective testosterone forms .
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images