

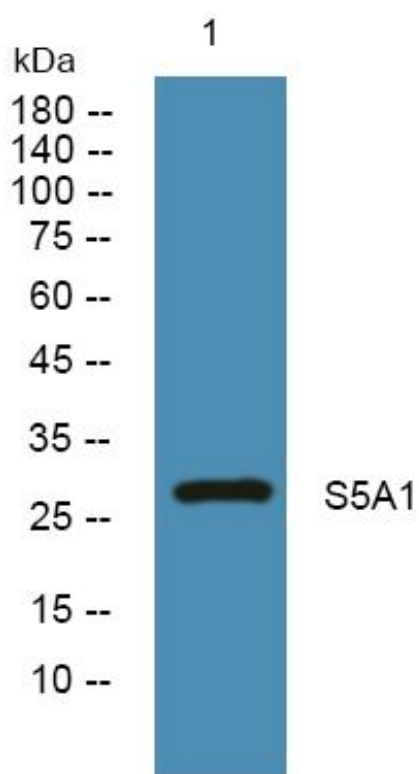


S5A1 Monoclonal Antibody

Catalog No	YP-mAb-07765
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SRD5A1
Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 1 (EC 1.3.1.30) (SR type 1) (Steroid 5-alpha-reductase 1) (S5AR 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S5A1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	28kD
Cell Pathway	Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Liver and prostate (at a low level).
Function	catalytic activity:A 3-oxo-5-alpha-steroid + acceptor = a 3-oxo-Delta(4)-steroid + reduced acceptor.,function:Converts testosterone into 5-alpha-dihydrotestosterone and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology.,induction:Its expression is regulated by androgens such as testosterone.,online information:5-alpha reductase entry,similarity:Belongs to the steroid 5-alpha reductase family.,tissue specificity:Liver and prostate (at a low level).,
Background	Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).[supplied by OMIM, Mar 2008],
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

Western Blot analysis of various cells using S5A1 Monoclonal Antibody