



## STF-1 (Phospho-Ser203) mouse mAb

Catalog No	BYmab-10533
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	NR5A1 AD4BP FTZF1 SF1
Protein Name	STF-1 (Phospho-Ser203)
Immunogen	Synthesized peptide derived from human STF-1 (Phospho-Ser203)
Specificity	This antibody detects endogenous levels of STF-1 (Phospho-Ser203) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.189% 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	Steroidogenic factor 1 (SF-1) (STF-1) (Adrenal 4-binding protein) (Fushi tarazu factor homolog 1) (Nuclear receptor subfamily 5 group A member 1) (Steroid hormone receptor Ad4BP)
Observed Band	
Cell Pathway	Nucleus .
Tissue Specificity	High expressed in the adrenal cortex, the ovary, the testis, and the spleen (PubMed:9177385).
Function	disease:Defects in NR5A1 are a cause of adrenocortical insufficiency without ovarian defect [MIM:184757]. The disease is characterized by severe 'slackness,' muscular hypotonia. There is decreased sodium, increased potassium and elevated ACTH.,disease:Defects in NR5A1 are a cause of XY sex reversal with or without adrenal failure [MIM:184757]. This disease is characterized by normal female external genitalia and retention of the uterus.,function:Transcriptional activator. Seems to be essential for sexual differentiation and formation of the primary steroidogenic tissues. Binds to the Ad4 site found in the promoter region of steroidogenic P-450 genes such as CYP11A, CYP11B and CYP21B. Also

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regulates the Muellerian inhibiting substance (AMH) gene as well as the AHCH and STAR genes. 5'-YCAAGGYC-3' and 5'-RRAGGTCA-3' are the consensus sequences for the recognition by NR5A1/FTZF1. The SFPQ-NO

#### Background

The protein encoded by this gene is a transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect. [provided by RefSeq, Jul 2008],

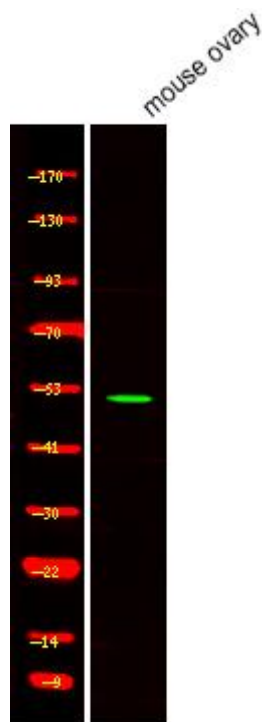
#### matters needing attention

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 STF-1 (Phospho-Ser203) mouse mAb