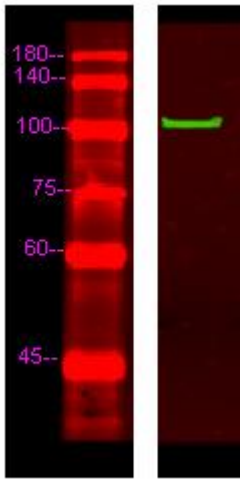
MYCD Monoclonal Antibody

Catalog No	YP-mAb-06532
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MYOCD MYCD
Protein Name	Myocardin
Immunogen	Synthesized peptide derived from human protein . at AA range: 200-280
Specificity	MYCD 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	103kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in heart, aorta, and in smooth muscle cell-containing tissues: stomach, bladder, small intestine, colon, lung, placenta and uterus. Very faint expression in prostate and skeletal muscle.
Function	domain:The C-terminal region contains a general transcription activation domain. The N-terminal region, comprising a basic and a Gln-rich domain, confers transcriptional potency and specificity by mediating association with the MADS box of SRF. The basic domain may be required for nuclear localization. The SAP domain is important for transactivation and ternary complex formation.,function:Transcriptional factor that uses the canonical single or multiple CArG boxes DNA sequence. Binds CArG boxes only in the presence of serum response factor (SRF). Acts as a cofactor of SRF and modulates SRF-target genes. Regulates the expression of a set of cardiac and smooth muscle-specific genes. Plays a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage.,similarity:Contains 1 SAP domain.,similarity:Contains 3 RPEL repeats.,subunit:Homodimer. Interacts with SRF, its asso
Background	This gene encodes a nuclear protein, which is expressed in heart, aorta, and in smooth muscle cell-containing tissues. It functions as a transcriptional co-activator

	of serum response factor (SRF) and modulates expression of cardiac and smooth muscle-specific SRF-target genes, and thus may play a crucial role in cardiogenesis and differentiation of the smooth muscle cell lineage. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009],
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 MYCD Monoclonal Antibody