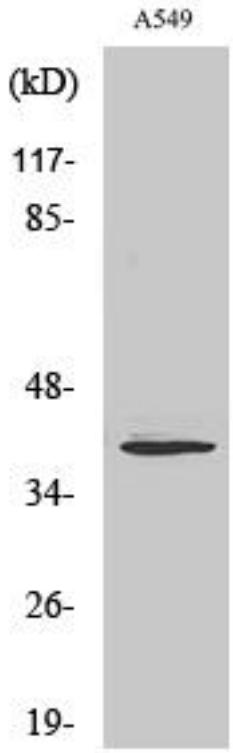
Myogenin Monoclonal Antibody

Catalog No	YP-mAb-01887
Isotype	IgG
Reactivity	Human;Mouse;Rat;Pig(Test by out customer);Pig
Applications	WB
Gene Name	MYOG
Protein Name	Myogenin
Immunogen	The antiserum was produced against synthesized peptide derived from human Myogenin. AA range:50-99
Specificity	Myogenin Monoclonal Antibody detects endogenous levels of Myogenin protein.
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MYOG; BHLHC3; MYF4; Myogenin; Class C basic helix-loop-helix protein 3; bHLHc3; Myogenic factor 4; Myf-4
Observed Band	39kD
Cell Pathway	Nucleus. Recruited to late myogenic gene promoter regulatory sequences with SMARCA4/BRG1/BAF190A and SWI/SNF chromatin-remodeling enzymes to promote chromatin-remodeling and transcription initiation in developing embryos. .
Tissue Specificity	Eye,Skeletal muscle,
Function	function:Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,
Background	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [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 Myogenin Monoclonal Antibody