



BHLHA15 mouse mAb

Catalog No	YP-mAb-18196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	BHLHA15 BHLHB8 MIST1
Immunogen	Synthesized peptide derived from human BHLHA15
Specificity	This antibody detects endogenous levels of BHLHA15 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BHLHA15;bHLHb8;Class A basic helix-loop-helix protein 15;Class B basic helix-loop-helix protein 8;MIST-1;BHLHA15 BHLHB8 MIST1;Class A basic helix-loop-helix protein 15 (bHLHa15) (Class B basic helix-loop-helix protein 8) (bHLHb8) (Muscle;intestine and stomach expression 1) (MIST-1); intestine and stomach expression 1) (MIST-1)
Observed Band	30 kDa
Calculated Molecular Weight	189 aa, 21 kDa
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in brain, liver, spleen and skeletal muscle.
Function	Plays a role in controlling the transcriptional activity of MYOD1, ensuring that expanding myoblast populations remain undifferentiated. Repression may occur through muscle-specific E-box occupancy by homodimers. May also negatively regulate bHLH-mediated transcription through an N-terminal repressor domain. Serves as a key regulator of acinar cell function, stability, and identity. Also required for normal organelle localization in exocrine cells and for mitochondrial calcium ion transport. May function as a unique regulator of gene expression in several different embryonic and postnatal cell lineages. Binds to the E-box consensus sequence 5'-CANNTG-3' (By similarity).



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