

Product Name: MLXIPL Mouse Monoclonal Antibody**Catalog #: AMM81284**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	93.1kDa

Antigen Information

Gene Name	MLXIPL
Alternative Names	MIO; CHREBP; MONDOB; WBSCR14; WS-bHLH; bHLHd14
Gene ID	51085.0
SwissProt ID	Q9NP71
Immunogen	Purified recombinant fragment of human MLXIPL (AA: 18-143) expressed in E. Coli.

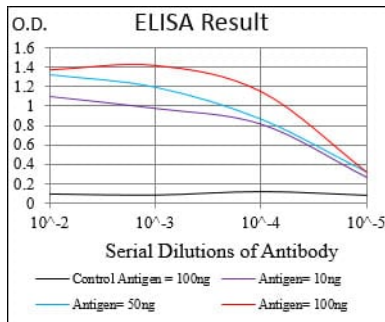
Background

This gene encodes a basic helix-loop-helix leucine zipper transcription factor of the Myc/Max/Mad superfamily. This protein forms a heterodimeric complex and binds and activates, in a glucose-dependent manner, carbohydrate response element (ChoRE) motifs in the promoters of triglyceride synthesis genes. The gene is deleted in Williams-Beuren syndrome, a

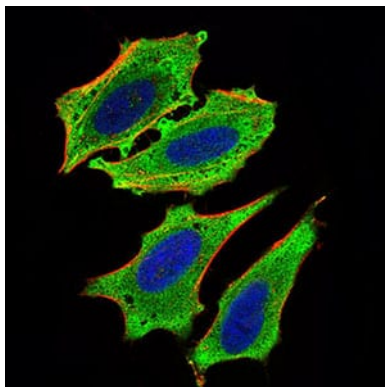
multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23.

Research Area

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Immunofluorescence analysis of HeLa cells using MLXIPL mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.