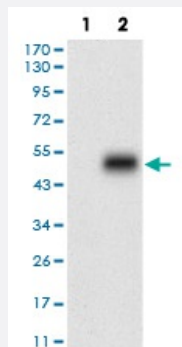


MLXIPL monoclonal antibody, clone 5D12D1

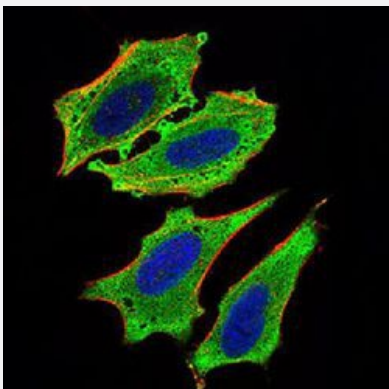
Catalog # MAB17783 Size 100 uL

Applications



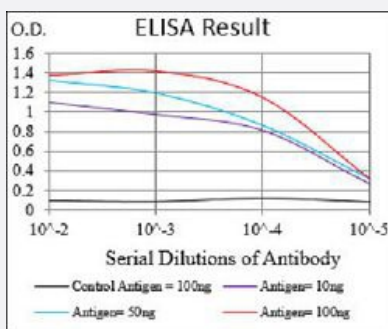
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) MLXIPL-hlgGfC transfected HEK293 cell lysate with MLXIPL monoclonal antibody.



Immunocytochemistry

Immunocytochemical staining of HeLa cells with MLXIPL monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MLXIPL monoclonal antibody, clone 5D12D1.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human MLXIPL.

Immunogen	Recombinant protein corresponding to amino acids 18-143 of human MLXIPL from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	93.1
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry (1:200-1:1000) Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) MLXIPL-hlgGfc transfected HEK293 cell lysate with MLXIPL monoclonal antibody.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with MLXIPL monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MLXIPL monoclonal antibody, clone 5D12D1.

Gene Info — MLXIPL

Entrez GeneID [51085](#)

Gene Name MLXIPL

Gene Alias	CHREBP, MIO, MONDOB, WBSCR14, WS-bHLH, bHLHd14
Gene Description	MLX interacting protein-like
Omim ID	605678
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Mlx interactor OTTHUMP00000160457 OTTHUMP00000160458 WS basic-helix-loop-helix leucine zipper protein Williams Beuren syndrome chromosome region 14 carbohydrate response element binding protein carbohydrate-responsive element-binding protein

Disease

- [Alzheimer disease](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertriglyceridemia](#)
- [Insulin Resistance](#)
- [Lipid Metabolism Disorders](#)
- [Metabolic Syndrome X](#)

- [Neoplasms](#)
- [Obesity](#)
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- [Stroke](#)