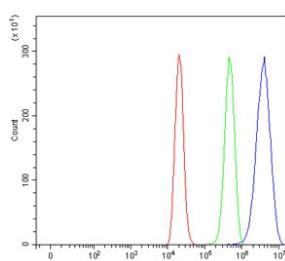


## MLX Antibody / Max-like protein X (RQ6889)

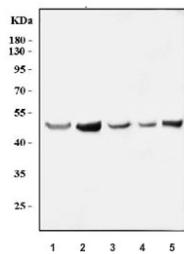
Catalog No.	Formulation	Size
RQ6889	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human, Mouse, Monkey
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UH92
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This MLX antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with MLX antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MLX antibody.



Western blot testing of 1) human HepG2, 2) human MCF7, 3) human SiHa, 4) monkey COS-7 and 5) mouse HEPA1-6 cell lysate with MLX antibody. Predicted molecular weight ~33 kDa, commonly observed at 30-50 kDa.

## Description

Max-like protein X is a protein that in humans is encoded by the MLX gene. The product of this gene belongs to the family of basic helix-loop-helix leucine zipper (bHLH-Zip) transcription factors. These factors form heterodimers with Mad proteins and play a role in proliferation, determination and differentiation. This gene product may act to diversify Mad family function by its restricted association with a subset of the Mad family of transcriptional repressors, namely, Mad1 and Mad4. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

## Application Notes

Optimal dilution of the MLX antibody should be determined by the researcher.

## Immunogen

Amino acids FQELSACVFSWIEEHCKPQLREIVIGVLHQLKNQLY from the human protein were used as the immunogen for the MLX antibody.

## Storage

After reconstitution, the MLX antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.