

Rabbit MLX Polyclonal Antibody | anti-MLX antibody

MLX Antibody (Center)

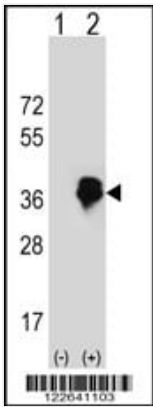
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284024	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

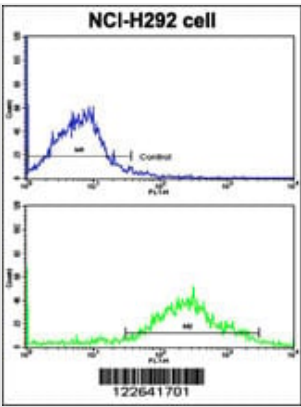
MLX; Polyclonal Antibody; MLX Antibody (Center); Max-like protein X; Class D basic helix-loop-helix protein 13; bHLHd13; Max-like bHLHZip protein; Protein BigMax; Transcription factor-like protein 4; BHLHD13; TCFL4; anti-MLX antibody

PRODUCT SPECIFICATIONS

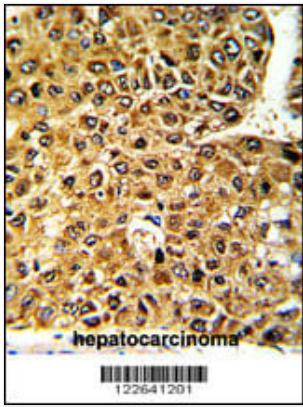
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MLX antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 125-151 amino acids from the Central region of human MLX.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	125-151
Sequence Length	298
Applicable Applications for anti-MLX antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



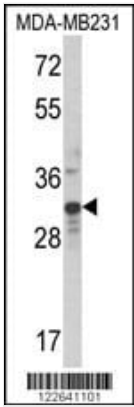
WB (Western Blot)
Western blot analysis of MLX (arrow) using rabbit polyclonal MLX Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MLX gene.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using MLX Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with MLX Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MLX Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). MLX (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MLX antibody	MLX 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 protein 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.
Product Categories/Family for anti-MLX antibody	Cancer; Metabolism
References	Meroni,G., et.al., Oncogene 19 (29), 3266-3277 (2000) Billin,A.N., et.al., J. Biol. Chem. 274 (51), 36344-36350 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24586667
NCBI GeneID	6945
NCBI Accession #	NP_733752.1; NP_937847.1; NP_937848.1
NCBI GenBank Nucleotide #	NM_170607.2
UniProt Accession #	Q9UH92; Q53XM6; Q96FL2; Q9H2V0; Q9H2V1; Q9H2V2; Q9NXN3; A8K2J3; B2RAV8; B2RD73

Molecular Weight	33300
NCBI Official Full Name	max-like protein X isoform gamma
NCBI Official Synonym Full Names	MLX, MAX dimerization protein
NCBI Official Symbol	MLX
NCBI Official Synonym Symbols	MAD7; MXD7; TCFL4; bHLHd13
NCBI Protein Information	max-like protein X
UniProt Protein Name	Max-like protein X
UniProt Gene Name	MLX
UniProt Synonym Gene Names	BHLHD13; TCFL4; bHLHd13
UniProt Entry Name	MLX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/mlx-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284024>