Datasheet for ABIN7602903

anti-MLX antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	MLX
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MLX antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-MLX Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human MLX, which shares 97.3% amino acid (aa) sequence identity with mouse MLX.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MLX Antibody Picoband® (ABIN7602903). Tested in Flow Cytometry, WB applications. This antibody reacts with Human, Monkey, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MLX
Alternative Name:	MLX (MLX Products)
Background:	Synonyms: Aquaporin-5, AQP-5, AQP5 Tissue Specificity: Expressed in spleen, thymus, prostate, testis, ovary, small intestine, colon, and peripheral blood. Background: 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.
Molecular Weight:	50 kDa
Gene ID:	6945

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Monkey, Mouse Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human 1. Billin, A. N., Eilers, A. L., Coulter, K. L., Logan, J. S., Ayer, D. E. MondoA, a novel basic helix-loop-helix-leucine zipper transcriptional activator that constitutes a positive branch of a Max-like network. Molec. Cell. Biol. 20: 8845-8854, 2000. 2. Billin, A. N., Eilers, A. L., Queva, C., Ayer, D. E. Mlx, a novel Max-like BHLHZip protein that interacts with the Max network of transcription factors. J. Biol. Chem. 274: 36344-36350, 1999. 3. Bjerknes, M., Cheng, H. TCFL4: a gene at 17q21.1 encoding a putative basic helix-loop-helix leucine-zipper transcription factor. Gene 181: 7-11, 1996.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.