

Datasheet for ABIN328581
anti-MLX antibody (AA 197-298)



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Overview

Quantity:	100 µg
Target:	MLX
Binding Specificity:	AA 197-298
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MLX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	E. coli-derived recombinant human rhMLX (aa 197-298).
	Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	Recognizes human MLX. Species sequence homology: 99 % identical to mouse and canine MLX.
Purification:	Immunoaffinity purified

Target Details

Target:	MLX
Alternative Name:	MLX / TCFL4 (MLX Products)

Target Details

Background:	Name/Gene ID: MLX Synonyms: MLX, BHLHd13, BigMax protein, MXD7, MAD7, Max-like bHLHZip protein, TCFL4, MLX, MAX dimerization protein, Protein BigMax, Max-like protein X, Transcription factor-like 4
Gene ID:	6945
UniProt:	Q9UH92

Application Details

Application Notes:	Approved: ELISA (0.5 - 1 µg/mL), ICC (10 µg/mL), WB (0.1 - 0.2 µg/mL) Usage: Suitable for use in Western blot, Immunocytochemistry and ELISA. Western blot: 0.1-0.2 µg/mL. The detection limit is ~2 ng/lane under non-reducing and reducing conditions. Immunocytochemistry: 10 µg/mL will detect human MLX in serum stimulated W138 human fetal lung fibroblasts. Fix cells with PBS containing 4 % paraformaldehyde for 20 minutes at RT and block with PBS containing 10 % normal donkey serum, 0.1 % Triton X-100, and 1 % BSA for 45 minutes at RT. After blocking, incubate cells with diluted primary antibody for 3 hours at RT. followed by NorthernLights 557 donkey anti-goat IgG at RT for 1 hour. Between each step, wash cells with PBS containing 0.1 % BSA. Direct ELISA: 0.5-1.0 µg/mL. The detection limit is ~0.3 ng/well.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute, 0.5 mL PBS to a concentration of 0.2 mg/mL.
Concentration:	Lot specific
Buffer:	Lyophilized powder from PBS, 5 % trehalose. Reconstitute, 0.5 mL PBS to a concentration of 0.2 mg/mL.