

DESCRIPTION

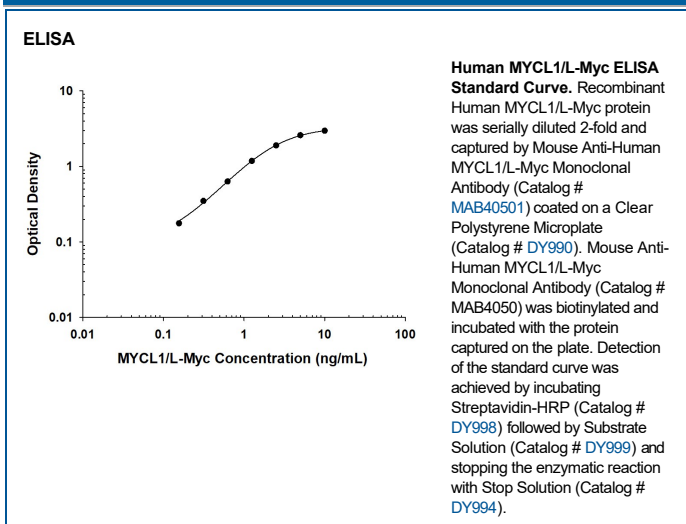
Species Reactivity	Human
Specificity	Detects human MYCL1/L-Myc in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 803017
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human MYCL1/L-Myc Gly16-Asn139 Accession # P12524
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

ELISA	This antibody functions as an ELISA capture antibody when paired with Mouse Anti-Human MYCL1/L-Myc Monoclonal Antibody (Catalog # MAB4050). <i>This product is intended for assay development on various assay platforms requiring antibody pairs.</i>
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DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

MYCL1 is a member of the MYC family that was isolated from small cell lung carcinoma. Like the other members of the MYC family, MYCL1 is a proto-oncogene transcription factor belonging to the helix-loop-helix basic leucine zipper (HLH bzip) family. With its heterodimeric partners, MYCL1 binds to the DNA consensus site 5' CACGTG 3'. MYCL1 is implicated in controlling a wide range of cellular processes from cellular proliferation to apoptosis.