

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human MYCL1/L-MYC in direct ELISAs.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 803013
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human MYCL1/L-Myc Gly16-Asn139 Accession # P12524
<b>Formulation</b>	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.

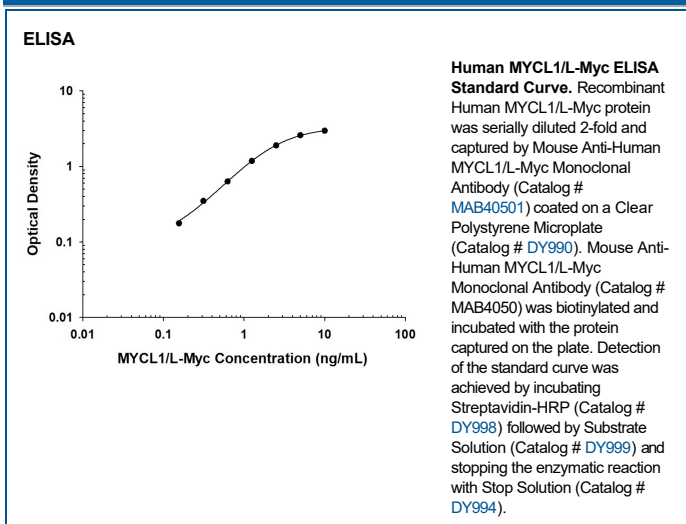
## APPLICATIONS

**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 detection antibody when paired with Mouse Anti-Human MYCL1/L-Myc Monoclonal Antibody (Catalog # [MAB40501](#)).

*This product is intended for assay development on various assay platforms requiring antibody pairs.*

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	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
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>• 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>• 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## 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.