

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human c-Myc in direct ELISAs.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 2270A
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E.coli</i> -derived recombinant human c-Myc Arg66-Asp201 Accession # P01106
<b>Conjugate</b>	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## 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.

	Recommended Concentration	Sample
<b>Intracellular Staining by Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	Jurkat human cell line fixed with paraformaldehyde and permeabilized with methanol

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## BACKGROUND

Human c-Myc is a 439 amino acid transcription factor with a bHLH/LZ (basic Helix-Loop-Helix, Leucine Zipper) domain. c-Myc DNA-binding and transcription function is achieved upon heterodimerization with its partner Max. c-Myc is often over-expressed and mutated in hematopoietic tumors. Mutations frequently result in truncations that remove the transactivation region or in the bHLH/LZ domain required for association with Max and DNA. Over the region used as immunogen, human c-Myc is 92% identical to the rat and mouse c-Myc proteins.

## PRODUCT SPECIFIC NOTICES

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