# **Product Datasheet**

# c-Myc Antibody (SPM237) [CoraFluor™ 1] NBP2-86682CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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## NBP2-86682CL1

c-Myc Antibody (SPM237) [CoraFluor™ 1]

Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host Mouse  Gene ID 4609  Gene Symbol MYC  Species Human, Chicken (Negative), Mouse (Negative), Rat (Negative)  Reactivity Notes Does not react with Mouse, Rat or Chicken.  Specificity/Sensitivity  It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Ovexpression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)	c-Myc Antibody (SPM237) [CoraFluor™ 1]		
Please see the vial label for concentration. If unlisted please contact technical services.	Product Information		
Storage Store at 4C in the dark. Do not freeze.  Clonality Monoclonal  Clone SPM237  Preservative No Preservative Isotype IgG1 Kappa  Conjugate CoraFluor 1  Purity Protein A or G purified  Buffer PBS  Product Description  Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence Resonance Energy Transfer) or TRF (Time-Resolve Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm 545 nm, 685 nm and 620 nm, it is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, temary complex, protein-protein interaction and protein quantification assays.  Host Mouse  Gene ID 4609  Gene Symbol MYC  Species Human, Chicken (Negative), Mouse (Negative), Rat (Negative)  Reactivity Notes Does not react with Mouse, Rat or Chicken.  Specificity/Sensitivity It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of ell proliferation a differentiation and is amplified and/or overexpressed in a variety of tumors. Over expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen A synthetic peptide, corresponding to aa 498-439 (AEEQKLISEEDLRKREQLKHKLEQLRNSCA) from C-terminus of human c-myc coupled to KLH. (Uniprec Pot1016)  Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254.	Unit Size	0.1 ml	
Clone   SPM237   Preservative   No Preservative   Isotype   IgG1 Kappa   Conjugate   CoraFluor (1 Purity   Protein A or G purified   Buffer   PBS   Product Description   CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(IM) 1 can be used for the development of robust and scalable TR-FET binding assays used as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host   Mouse   Gene ID   4609   Gene Symbol   MYC   Species   Human, Chicken (Negative), Mouse (Negative), Rat (Negative)   Reactivity Notes   Does not react with Mouse, Rat or Chicken.  It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between as 410-419 (ECKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of cell proliferation adifferentiation and is amplified and/or overexpressed in a variety of tumors. Over expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen   A synthetic peptide, corresponding to as 408-439 (AEEQKLISEEDLI RKREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)  Notes   CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254	Concentration	· ·	
Preservative   SPM237	Storage	Store at 4C in the dark. Do not freeze.	
Preservative   No Preservative	Clonality	Monoclonal	
IgG1 Kappa   IgG1 Kappa   Conjugate   CoraFluor 1	Clone	SPM237	
Conjugate CoraFluor 1 Purity Protein A or G purified Buffer PBS  Product Description CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 450 nm 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 considered to be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host Mouse Gene ID 4609 Gene Symbol MYC Species Human, Chicken (Negative), Mouse (Negative), Rat (Negative) Reactivity Notes Does not react with Mouse, Rat or Chicken. Specificity/Sensitivity It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of cell profileration and ifferentiation and is amplified and/or overexpressed in a variety of tumors. Ovexpression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-myc, coupled to KLH. (Uniprot: Pol1106)  Notes Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Preservative	No Preservative	
Purity Protein A or G purified  Buffer PBS  Product Description  CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.  Host Mouse  Gene ID 4609  Gene Symbol MYC  Species Human, Chicken (Negative), Mouse (Negative), Rat (Negative)  Prescriptive Notes Does not react with Mouse, Rat or Chicken.  Specificity/Sensitivity It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between as 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of cell proliferation a differentiation and is amplified and/or overexpressed in a variety of tumors. Over expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen A synthetic peptide, corresponding to as 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)  Notes CoraFluor (TM) is a trademark of Bic-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2002/0025254  Product Application Details  Applications	Isotype	IgG1 Kappa	
PBS	Conjugate	CoraFluor 1	
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CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolve Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.    Host	Product Description		
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Species Human, Chicken (Negative), Mouse (Negative), Rat (Negative)  Reactivity Notes Does not react with Mouse, Rat or Chicken.  Specificity/Sensitivity It recognizes a transcription factor of 64-67kDa, identified as c-myc. Its epitope spans between aa 410-419 (EQKLISEEDL) which is a specific portion of an alpha helical region of human c-myc protein. This monoclonal antibody shows cross-reaction with v-myc. c-myc is involved in the control of cell proliferation a differentiation and is amplified and/or overexpressed in a variety of tumors. Over expression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic disease.  Immunogen A synthetic peptide, corresponding to aa 408-439 (AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)  Notes CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  Product Application Details  Applications Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Gene ID	4609	
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(AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-Myc, coupled to KLH. (Uniprot: P01106)  Notes  CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  Product Application Details  Applications  Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Specificity/Sensitivity	alpha helical region of human c-myc protein. This monoclonal antibody shows no cross-reaction with v-myc. c-myc is involved in the control of cell proliferation and differentiation and is amplified and/or overexpressed in a variety of tumors. Overexpression of c-myc protein occurs frequently in luminal cells of prostate intraepithelial neoplasia as well as in most primary carcinomas and metastatic	
only under agreement from Massachusetts General Hospital. US patent 2022/0025254  Product Application Details  Applications  Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Immunogen	(AEEQKLISEEDLLRKRREQLKHKLEQLRNSCA) from C-terminus of human c-	
Applications  Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Notes		
Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	Product Application Details		
	Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready,	



Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-86682CL1**

H00004609-P01-10ug Recombinant Human c-Myc GST (N-Term) Protein

236-EG-200 EGF [Unconjugated]

NBL1-13414 c-Myc Overexpression Lysate 210-TA-005 TNF-alpha [Unconjugated]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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