

c-Myc Monoclonal Antibody (9E10), FITC

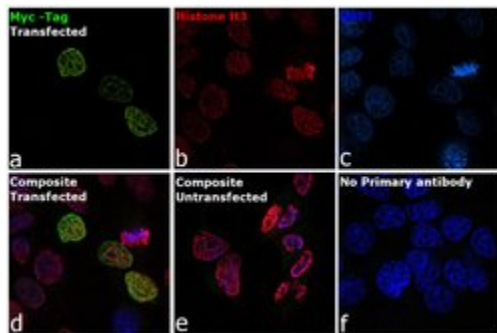
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	9E10
Conjugate	FITC
Immunogen	A 32 amino acid synthetic peptide (aa 408-439) derived from the C-terminus of the human c-myc protein.
Form	Liquid
Concentration	0.5 mg/mL
Purification	purified
Storage buffer	PBS, pH 7.4, with 1% BSA, 50% glycerol
Contains	0.1% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_2533009

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	2 µg/mL	1 Publication
Flow Cytometry (Flow)	-	1 Publication
Miscellaneous PubMed (Misc)	-	1 Publication

Product Images For c-Myc Monoclonal Antibody (9E10), FITC

c-Myc Antibody (13-2511) in ICC/IF

Immunofluorescence analysis of Myc proto-oncogene protein was performed using 70% confluent log phase HEK-293 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with Myc Tag Monoclonal Antibody (Product # 13-2511) at 2 µg/mL in 0.1% BSA and Histone H3 antibody (Product # 711055) at 1:200 dilution in 0.1% BSA, incubated at 4 degree Celsius overnight, and then labeled with Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 647 (Product #A32733) at a dilution of 1:2000 for 45 minutes at room temperature. Panel a (Nuclei: Green) represents Myc tag. Panel b (Nuclei: Red) represents Histone H3. Panel c (Nuclei: Blue) represents ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). Panel d represents the merged image showing the co-localization of nuclear signals in transfected cells. Panel e represents un-transfected HEK-293 cells. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



4 References

Immunohistochemistry (1)

Frontiers in oncology

Development of CAR-T Cell Persistence in Adoptive Immunotherapy of Solid Tumors.

"Published figure using c-Myc monoclonal antibody (Product # 13-2511) in Flow Cytometry"

Authors: Fan J, Das JK, Xiong X, Chen H, Song J

Species

Not Applicable

Dilution

Not Cited

Year

2021

Immunocytochemistry (1)

Nature communications

Differential Rac1 signalling by guanine nucleotide exchange factors implicates FLII in regulating Rac1-driven cell migration.

"Published figure using c-Myc monoclonal antibody (Product # 13-2511) in Immunofluorescence"

Authors: Marei H, Carpy A, Woroniuk A, Vennin C, White G, Timpson P, Macek B, Malliri A

Species

Not Applicable

Dilution

Not Cited

Year

2016

Flow Cytometry (1)

Frontiers in oncology

Development of CAR-T Cell Persistence in Adoptive Immunotherapy of Solid Tumors.

"Published figure using c-Myc monoclonal antibody (Product # 13-2511) in Flow Cytometry"

Authors: Fan J, Das JK, Xiong X, Chen H, Song J

Species

Not Applicable

Dilution

Not Cited

Year

2021

Miscellaneous PubMed (1)

Nature

Proton-sensing G-protein-coupled receptors.

"13-2511 was used in immunohistochemistry (paraffin) to examine the role of OGR1 and GPR4 in pH homeostasis."

Authors: Ludwig MG, Vanek M, Guerini D, Gasser JA, Jones CE, Junker U, Hofstetter H, Wolf RM, Seuwen K

Species

Human

Dilution

Not Cited

Year

2003

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