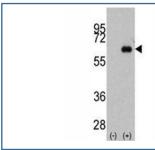


Anti-Myc Antibody (F47611)

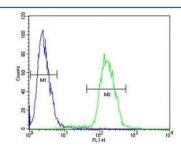
Catalog No.	Formulation	Size
F47611-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47611-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01106
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This anti-Myc antibody is available for research use only.



Western blot analysis of anti-Myc antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MYC gene (2).



Anti-Myc antibody flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

MYC is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of the gene encoding MYC have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma.

Application Notes

Titration of the anti-Myc antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 40-69 from the human protein was used as the immunogen for this anti-Myc antibody.

Storage

Aliquot the anti-Myc antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.