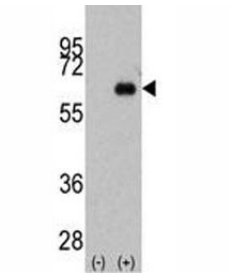
Anti-Myc Antibody (F47611)

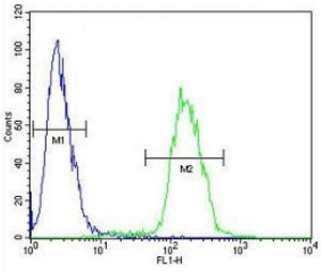
Catalog No.	Formulation	Size
F47611-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47611-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Mouse, Pig, Rat
Format	Antigen affinity purified
Host	Rabbit
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.