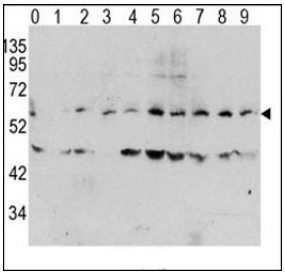
Phospho c-Myc Antibody (pT58) (F48482)

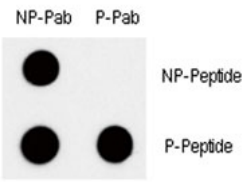
Catalog No.	Formulation	Size
F48482-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48482-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Chicken, Mouse, Pig, Rat, Xenopus, Zebrafish
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P01106
Applications	Dot Blot : 1:500 Western Blot : 1:1000
Limitations	This phospho c-Myc antibody is available for research use only.



Western blot analysis of phospho c-Myc antibody and human TPA activated HeLa cells/lysate (0: without TPA; 1: 60ug/ml TPA-15min; 2: 60ug/ml-30min; 3: 60ug/ml-45min; 4: 125ug/ml-15min; 5: 125ug/ml-30min; 6: 125ug/ml-45min; 7: 250ug/ml-15min; 8: 250ug/ml-30min; 9: 250ug/ml-45min)



Dot blot analysis of phospho c-Myc antibody. 50ng of phos-peptide or nonphos-peptide per dot were spotted.

Description

c-Myc participates in the regulation of gene transcription. It binds DNA both in a non-specific manner and also specifically to recognizes the core sequence 5'-CAC[GA]TG-3'. This protein appears to activate the transcription of growth-related genes. Overexpression of MYC is implicated in the etiology of a variety of hematopoietic tumors. A chromosomal aberration involving MYC may be a cause of a form of B-cell chronic lymphocytic leukemia.

Application Notes

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

Immunogen

This phospho c-Myc antibody was produced from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding pT58 of human MYC.

Storage

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

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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