

Product datasheet for **SM1535P**

c-Myc (MYC) Rat Monoclonal Antibody [Clone ID: JAC6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	JAC6
Applications:	IF, IHC, IP, WB
Recommended Dilution:	Immunoprecipitation. Immunohistochemistry on Frozen Sections. Immunofluorescence. Western blot: 1/500-1/1000.
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Amino acids 408-439 corresponding to the C-terminal region of Human c-Myc.
Specificity:	This antibody recognises the myc epitope which is frequently used to tag proteins, and is the same epitope recognised by clone 9E10.
Formulation:	PBS containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	52.7 kDa
Gene Name:	v-myc avian myelocytomatosis viral oncogene homolog
Database Link:	Entrez Gene 4609 Human P01106
Synonyms:	myc tag, myc-tag, c-myc tag



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Protein Families:	Druggable Genome, Embryonic stem cells, Induced pluripotent stem cells, Stem cell - Pluripotency, Stem cell relevant signaling - JAK/STAT signaling pathway, Stem cell relevant signaling - TGFb/BMP signaling pathway, Stem cell relevant signaling - Wnt Signaling pathway, Transcription Factors
Protein Pathways:	Acute myeloid leukemia, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Jak-STAT signaling pathway, MAPK signaling pathway, Pathways in cancer, Small cell lung cancer, TGF-beta signaling pathway, Thyroid cancer, Wnt signaling pathway