

c-Myc Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the center region of human c-Myc.
Form	Liquid
Concentration	0.29 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2792331

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-
Immunoprecipitation (IP)	1:100-1:500	-
ChIP assay (ChIP)	Assay-dependent	1 Publication

Product Specific Information

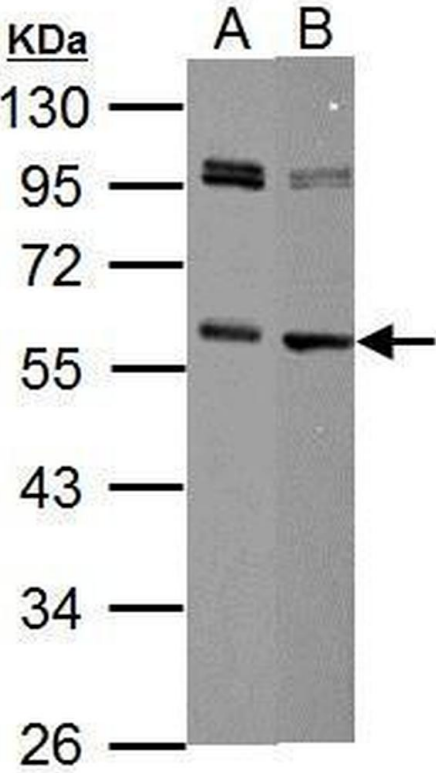
Keep as concentrated solution.

Predicted reactivity: Mouse (89%), Rat (86%), Dog (93%), Cat (91%), Pig (94%), Rabbit (93%), Sheep (92%), Rhesus Monkey (98%), Chimpanzee (99%), Bovine (92%).

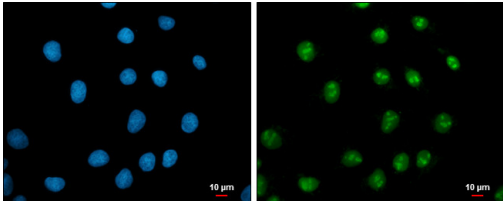
Positive Control: 293T, NIH-3T3, Raw264.7, HeLa, HeLa nuclear extract.

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

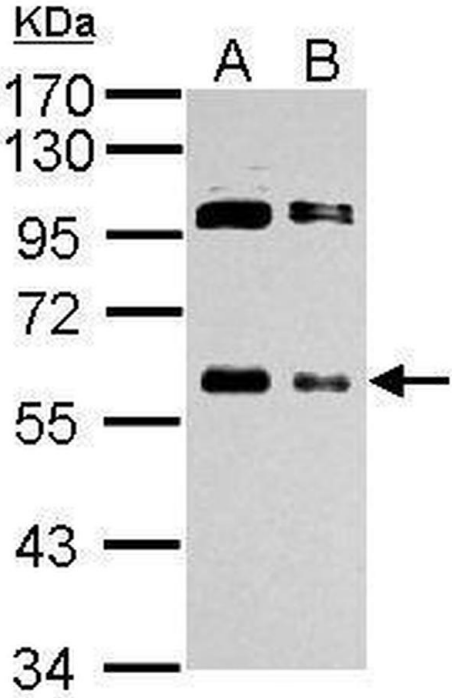
Product Images For c-Myc Polyclonal Antibody



c-Myc Antibody (PA5-85185) in WB
Western blot analysis of c-Myc in whole cell lysate of: A) NIH-3T3 cells, B) Raw264.7 cells using c-Myc polyclonal antibody (Product # PA5-85185) using 30 µg of sample at a dilution of 1:1000. Sample was then incubated with HRP-conjugated anti-rabbit IgG secondary antibody. Prior to incubation with primary antibody, the sample was separated on 10% SDS PAGE.



c-Myc Antibody (PA5-85185) in ICC/IF
Immunocytochemistry analysis of c-Myc in 4% paraformaldehyde-fixed NT2D1 cells using c-Myc polyclonal antibody (Product # PA5-85185) at a dilution of 1:200. Sample was then incubated with Hoechst secondary antibody.



c-Myc Antibody (PA5-85185) in WB
Western blot analysis of c-Myc in whole cell lysate of: A) 293T cells, B) 293T cells using c-Myc polyclonal antibody (Product # PA5-85185) using A) 20 µg, B) 10 µg, C) 5 µg of sample at a dilution of 1:1000. Sample was then incubated with HRP-conjugated anti-rabbit IgG secondary antibody. Prior to incubation with primary antibody, the sample was separated on 10% SDS-PAGE.

2 References

Western Blot (1)

Frontiers in molecular biosciences	Year 2022
RAC3 Promotes Proliferation, Migration and Invasion via PYCR1/JAK /STAT Signaling in Bladder Cancer.	Species Human
"PA5-85185 was used in Western Blotting to demonstrate that RAC3 overexpression activated JAK/STAT signaling via PYCR1 axis."	Dilution 1:500
Authors: Cheng C,Song D,Wu Y,Liu B	

ChIP assay (1)

Nature communications	Year 2023
Phagocytosis-initiated tumor hybrid cells acquire a c-Myc-mediated quasi-polarization state for immunoevasion and distant dissemination.	
"Published figure using c-Myc polyclonal antibody (Product # PA5-85185) in ChIP Assay"	
Authors: Chou CW,Hung CN,Chiu CH,Tan X,Chen M,Chen CC,Saeed M,Hsu CW,Liss MA,Wang CM,Lai Z,Alvarez N, Osmulski PA,Gaczynska ME,Lin LL,Ortega V,Kirma NB,Xu K,Liu Z,Kumar AP,Taverna JA,Velagaleti GVN,Chen CL, Zhang Z,Huang TH	

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