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Product no AS09 601

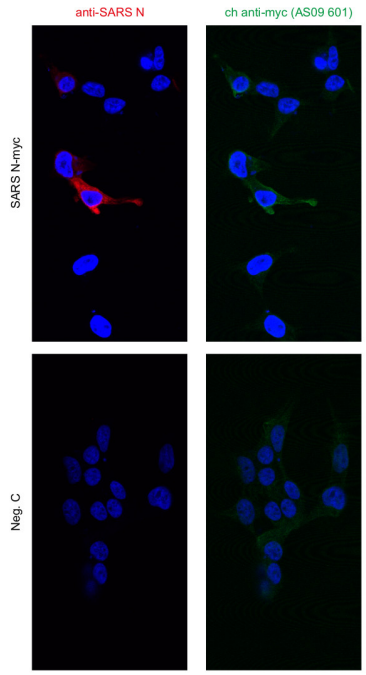
c-Myc (polyclonal)

Product information

Immunogen	KLH-conjugated peptide, sequence MEQKLISEEDLNE, human c-Myc UniProt: Q6LBK7
Host	Chicken
Clonality	Polyclonal
Purity	Immunogen affinity purified IgY in PBS pH 8.5. Contains 0.02% azide.
Format	Lyophilized
Quantity	100 µg
Storage	Store lyophilized antibodies at -20°C and reconstituted antibodies at 4°C. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 2000-1 : 5000 (ICC)
Expected | apparent MW	Depends on target protein which is tagged with this epitope
Confirmed reactivity	c-Myc
Predicted reactivity	c-Myc
Not reactive in	No confirmed exceptions from predicted reactivity are currently known



HEK293 cells were transfected with the indicated plasmid (SARS-CoV-2 N myc tagged, PMID: 34799561, TBEV NS3-HA, PMID: 29321318, Rab5 mcherry, Addgene: 4920, GFP-HIS) using genejuice transfection reagent (EMD Millipore) according to the manufacturer's instructions. After 24 hours of transfection, cells were fixed in 4% formaldehyde and permeabilized in PBS containing 0.5% Triton X-100 and 20 mM glycine. Then, cells were stained with the primary anti-Myc tag antibodies at a concentration of 1 µg/mL for 1 hour at room temperature. Followed by three washes in PBS. Cells were then stained using secondary antibodies, goat anti-chicken Alexa488 (1:500, Invitrogen A11039) in PBS containing 2% BSA for 1h at RT. Nuclei were stained using DAPI (1 µg/mL). Images were acquired using a Leica SP8 Laser Scanning Confocal Microscope with a 63x oil objective (Leica) and Leica Application Suit X software (LAS X, Leica).

Courtesy of Dr. Anna K Överby, Molecular Infection Medicine Sweden (MIMS),Section of Virology. Department of Clinical Microbiology Umeå University, Sweden