

Monoclonal Anti-Monkeypox Virus A29 Protein, Clone 0027 (produced *in vitro*)

Catalog No. NR-59052

Sino Biological Catalog No. 40891-M0027

Product Description:

Antibody Class: IgG1

Clone: 0027

NR-59052 is a recombinant mouse monoclonal antibody, prepared against the monkeypox virus (MPXV) A29 protein (Sino Biological 40891-V08E), that was expressed from HEK293 cells and purified. NR-59052 is specific to the MPXV A29 protein as shown in ELISA and western blot analysis, with cross-reactivity in ELISA and western blot with the A27L protein from vaccinia virus (strain Copenhagen) (Sino Biological 40897-V07E).

Lot: MA16AU1503-Y-B

Manufacturing Date: 16JUN2021

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	3.13 mg per mL
Functional Activity Western blot analysis ELISA Sandwich ELISA	Report results Report results Report results	Reactive ¹ Reactive ² Reactive ³
Sterility	0.2 µm filter-sterilized	0.2 µm filter-sterilized

¹Using a 1:500 to 1:5000 dilution of NR-59052

²Using a 1:5000 to 1:10000 dilution of NR-59052

³Using a 1:1000 to 1:10000 dilution of NR-59052. In a sandwich ELISA, NR-59052 can be used as a detection antibody when paired with Sino Biological Catalog No. 40891-M0017 or 40891-M0031.

/Sonia Bjorum Brower/

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20 JAN 2023

Technical Manager or designee, ATCC Federal Solutions

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