

Monoclonal Anti-Monkeypox Virus A29 Protein, Clone 0025 (produced *in vitro*)

Catalog No. NR-58705

Sino Biological Catalog No. 40891-M0025

Product Description:

Antibody Class: IgG1

Clone: 0025

NR-58705 is a recombinant monoclonal mouse antibody, prepared against the monkeypox virus (MPXV) A29 protein (Sino Biological 40891-V08E), that was expressed from HEK293 cells and purified. NR-58705 is specific to the MPXV A29 protein as shown in ELISA and western blot analysis, with minimal cross-reactivity in western blot with the A27L protein from vaccinia virus (strain Copenhagen) (Sino Biological 40897-V07E). No cross-reactivity was observed in ELISA with A27L protein from vaccinia virus (strain Copenhagen) (Sino Biological 40897-V07E).

Lot: MA16AU1602

Manufacturing Date: 26AUG2022

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	1.16 mg per mL
Functional Activity Western blot analysis ELISA Detection 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-58705

²Using a 1:5000 to 1:10000 dilution of NR-58705

³Using a 1:1000 to 1:10000 dilution of NR-58705. In a sandwich ELISA, NR-58705 can be used as a detection antibody when paired with Sino Biological Catalog No. 40891-M0032.

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