

**Monoclonal Anti-SARS Coronavirus Spike Glycoprotein S1 Domain (produced *in vitro*)**

**Catalog No. NR-53787**

**Sino Biological Catalog No. 40150-MM10**

**Product Description:**

Antibody Class: IgG1

Mouse monoclonal antibody prepared against the severe acute respiratory syndrome coronavirus (SARS-CoV) spike glycoprotein (S1) domain was purified from a hybridoma supernatant by protein A affinity chromatography. NR-53787 is specific to the SARS-CoV S1 domain as shown in ELISA and western blot analysis, with no cross reactivity with the S1 domain from SARS-CoV-2. No cross reactivity was observed in ELISA and western blot with spike glycoprotein receptor binding domain (RBD) from SARS-CoV-2 and SARS-CoV.

**Lot: HB14AP0201**

**Manufacturing Date: 02APR2020**

TEST	SPECIFICATIONS	RESULTS
<b>Concentration</b>	Report results	1.0 mg per mL
<b>Functional Activity</b> Western blot analysis ELISA	Report results Report results	Reactive <sup>1</sup> Reactive <sup>2</sup>
<b>Sterility</b>	0.2 µm filter-sterilized	0.2 µm filter-sterilized

<sup>1</sup>Using a 1:1000 to 1:5000 dilution of NR-53787

<sup>2</sup>Using a 1:1000 to 1:2000 dilution of NR-53787

/Heather Couch/

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25 SEP 2020

Program Manager or designee, ATCC Federal Solutions

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