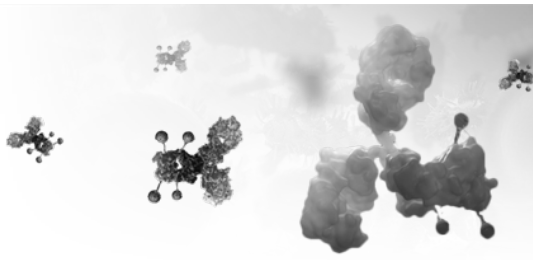

Magic™ Mouse Anti-SARS-CoV-2 Spike S2 Monoclonal antibody, clone HU9221 (DMAB-CS23011)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	SARS-CoV-2 Spike S2
Target	SARS-CoV-2 Spike S2
Immunogen	Recombinant protein encompassing a sequence within the extracellular domain of SARS-CoV-2 (COVID-19) Spike S2
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	SARS-CoV-2
Clone	HU9221
Purification	Protein G
Conjugate	unconjugated
Applications	WB, ELISA (Cap), IHC-P
Format	Liquid
Size	25 µl, 100 µl
Buffer	PBS
Preservative	None

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

BACKGROUND

Introduction	The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. The S protein is a heavily glycosylated, trimeric, type I membrane protein anchored on the exterior surface of the mature virion. Each monomer of the trimeric S protein is about 180 kDa with 1273 amino acids. It is composed of a signal peptide (residues 1–13) and two functional subunits, that is, the S1 subunit (residues 14–685) responsible for binding to the host cell receptor and the S2 subunit (residues 686–1273) responsible for fusion of the viral and cellular membranes.
Keywords	SARS-CoV-2; SARS-CoV-2 spike glycoprotein; SARS-CoV-2 S Protein; SARS-CoV-2 Spike S2; SARS-CoV-2 S2; COVID-19

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221