



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Anti-SARS-CoV-2 RBD monoclonal antibody, IgA, clone IB3C4, purified
PRODUCT RANGE	Infectious disease
REFERENCE	10025 (former BCD-94-SRB-A-C1)
DESIGN/DEVELOPMENT	After immunization of Hamiga® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgA sequence, a hybridoma cell line has been established.
ANTIGEN OF IMMUNISATION	SARS-CoV-2 Spike protein (RBD, His Tag) (Genescript; #Z03483-1)
PURIFICATION	Purification from hybridoma culture supernatant by affinity chromatography
BUFFER	PBS
PRESERVATIVES	0.02% Sodium Azide
STORAGE	Between + 2°C and + 8 °C or aliquot and store frozen Avoid repeated freeze/thaw cycles
EXPIRY DATE	<i>Please see batch COA</i>
SAFETY STATEMENT	Noninfectious – biological product from <i>in vitro</i> production
CONCENTRATION	<i>Please see batch COA</i>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA
RECOMMENDED USE	Product for research or further manufacturing use only. Suitable for ELISA (manual or automated). Please try the sample diluted 100 time then dilute it sequentially by a factor of 2 (i.e., 1/200, 1/400, 1/800, etc). Suitable for automated systems. Please try the sample diluted 10 time then dilute it sequentially by a factor of 2 (i.e., 1/20, 1/40, 1/80, etc).

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