



## TECHNICAL DATA SHEET

### *Purified Human Fc Monoclonal Antibody*

PRODUCT DESCRIPTION	<b>Anti-SARS-CoV-2 RBD monoclonal antibody, IgM, clone 1D9D5, purified</b>
PRODUCT RANGE	<b>Infectious disease</b>
REFERENCE	<b>10026 (former BCD-94-SRB-M-C2)</b>
DESIGN/DEVELOPMENT	<b>After immunization of InEps® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgM sequence, a hybridoma cell line has been established.</b>
ANTIGEN OF IMMUNISATION	<b>SARS-CoV-2 Spike protein (RBD, His Tag) (Genescript; #Z03483-1)</b>
PURIFICATION	<b>Purification from hybridoma culture supernatant by affinity chromatography</b>
BUFFER	<b>0.05 M Tris-HCl, 0.2 M NaCl, 0.01 M Glycine, 0.25 M Trehalose pH 7.4</b>
PRESERVATIVES	<b>0.02% Sodium Azide</b>
STORAGE	<b>Between + 2°C and + 8 °C or aliquot and store frozen Avoid repeated freeze/thaw cycles</b>
EXPIRY DATE	<b><i>Please see batch COA</i></b>
SAFETY STATEMENT	<b>Noninfectious – biological product from <i>in vitro</i> production</b>
CONCENTRATION	<b><i>Please see batch COA</i></b>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	<b>Validated by ELISA</b>
RECOMMENDATED USE	<b>Product for research or further manufacturing use only.</b>  <b>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).</b> <b>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).</b>  <b>Avoid phosphate buffer for dilution.</b>

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