



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Anti-Rubella monoclonal antibody, IgM, clone B16B11, purified
PRODUCT RANGE	Infectious disease
REFERENCE	10023 (former BCD-94-RUB-M-C2)
DESIGN/DEVELOPMENT	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.
ANTIGEN OF IMMUNISATION	Rubella virus antigen (Biorad; #PIP044)
PURIFICATION	Purification from hybridoma culture supernatant by affinity chromatography
BUFFER	0.05 M Tris-HCl, 0.2 M NaCl, 0.01 M Glycine, 0.25 M Trehalose pH 7.4
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 in vitro production
CONCENTRATION	<i>Please see batch COA</i>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA (SERION ELISA classic; #ESR129M), ROCHE Elecsys system, Vidas Biomerieux system, LIAISON Diasorin system, Abbott Alinity system, Maccura
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). Avoid phosphate buffer for dilution.

©Bcell Design – January 2026