



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Rheumatoid factor monoclonal antibody, IgM, clone B11H4, purified
PRODUCT RANGE	Auto-Immunity
REFERENCE	20014 (former BCD-19-RF-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	Rheumatoid factor antigen from human plasma (AROTEC; ATF01-10)
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	0.15% Proclin 950 0.1% Proclin 300
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 and Turbidimetric test (Biolabo; #RF520E)
RECOMMENDED USE	<p>Product for research or further manufacturing use only.</p> <p>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).</p> <p>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).</p> <p>Avoid phosphate buffer for dilution.</p>