



## TECHNICAL DATA SHEET

### *Human Fc Monoclonal Antibody in supernatant*

PRODUCT DESCRIPTION	<b>Anti-Dengue monoclonal antibody, IgM, clone U4C11, in cell culture supernatant</b>
PRODUCT RANGE	<b>Infectious disease</b>
REFERENCE	<b>10012 (former BCD-94-DEN-M-C1)</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>Dengue Type 2 Antigen (Microbix; #BA114VS-E)</b>
PRODUCTION	<b>Bioproduction is performed by hybridoma cell culture in low endotoxin condition. Culture medium : IMDM 5% FBS (US origin) Filtration 0.2 µm</b>
PRESERVATIVES	<b>0.15% Proclin 950 0.1% Proclin 300</b>
STORAGE	<b>Between + 2°C and + 8 °C – do not freeze</b>
EXPIRY DATE	<b><i>Please see batch COA</i></b>
SAFETY STATEMENT	<b>Noninfectious – biological product from <i>in vitro</i> production</b>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	<b>Validated by ELISA and Lateral flow (CHEMBIO; #65-9565-0)</b>
RECOMMENDATED USE	<b>Product for research or further manufacturing use only. Suitable for ELISA (manual or automated). Please try the sample neat (undiluted) then dilute it sequentially by a factor of 2 (i.e., 1/2, 1/4, 1/8, etc). Avoid phosphate buffer for dilution.</b>