



## TECHNICAL DATA SHEET

### *Purified Human Fc Monoclonal Antibody*

|                                    |  |
|------------------------------------|--|
| PRODUCT DESCRIPTION                | <b>Anti-PF4 monoclonal antibody, IgG, clone 1C12, purified</b>   |
| PRODUCT RANGE                      | <b>Allergy, food intolerance &amp; other</b>   |
| REFERENCE                          | <b>30010 (former BCD-134-PF4-G-C1)</b>   |
| DESIGN/DEVELOPMENT                 | <b>After immunization of Gamma® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgG sequence, a hybridoma cell line has been established.</b>   |
| ANTIGEN OF IMMUNISATION            | <b>Human platelet factor 4 (Hyphen BioMed; #PP003A) combined with Heparine</b>   |
| PURIFICATION                       | <b>Purification from hybridoma culture supernatant by affinity chromatography</b>  |
| BUFFER                             | <b>PBS</b>   |
| PRESERVATIVES                      | <b>No - please use under sterile conditions</b>  |
| STORAGE                            | <b>Between + 2°C and + 8 °C or aliquot and store frozen<br/>Avoid repeated freeze/thaw cycles</b>  |
| EXPIRY DATE                        | <b><i>Please see batch COA</i></b>   |
| SAFETY STATEMENT                   | <b>Noninfectious – biological product from in vitro production</b>   |
| CONCENTRATION                      | <b><i>Please see batch COA</i></b>   |
| IMMUNO-REACTIVITY (NON-EXHAUSTIVE) | <b>Validated by ELISA</b>  |
| RECOMMENDED USE                    | <b>Product for research or further manufacturing use only.</b><br><br><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><br><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> |

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