



## TECHNICAL DATA SHEET

### *Human Fc Monoclonal Antibody in supernatant*

PRODUCT DESCRIPTION	Anti-PL-12 monoclonal antibody, IgG, clone B9G5, in cell culture supernatant
PRODUCT RANGE	Auto-Immunity
REFERENCE	20011 (former BCD-19-PL12-G-C1)
DESIGN/DEVELOPMENT	After immunization of GammaPrim® 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.
ANTIGEN OF IMMUNISATION	Alanyl-tRNA Synthetase recombinant antigen (PL-12) (Diarect; #15701 - Surmodics; #A15701)
PRODUCTION	Bioproduction is performed by hybridoma cell culture in low endotoxin condition. Culture medium : IMDM 10% FBS Filtration 0.2 µm
PRESERVATIVES	0.15% Proclin 950 0.1% Proclin 300
STORAGE	Between + 2°C and + 8 °C – do not freeze
EXPIRY DATE	<i>Please see batch COA</i>
SAFETY STATEMENT	Noninfectious – biological product from <i>in vitro</i> production
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA
RECOMMENDATED USE	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).