Product Data Sheet – Humanized, Monoclonal Antibody

Product description	Anti-Rubella Virus monoclonal antibody, IgM, chimeric
Order No.	MAB129.001
Lot No.	Lot specific
Clone	B16B11F8
Preparation	The antibody has been generated in transgenic mice whose sequence for the IgM heavy chain constant region is replaced by the corresponding human sequence. After immunization of mice, a hybridoma cell line has been established. The antibody is produced industrially by standard hybridoma cell line techniques under sterile conditions. The antibody is presented in cell culture supernatant.
Culture system	Iscove's Modified Dulbecco's Medium (IMDM), supplemented with 5 % FBS, 1 % sodium pyruvate, 1 % non-essential amino acids, 1 % Penicillin/Streptomycin, 50 µM 2-Mercaptoethanol
FBS	US origin
Filtration	0.2 µm (Millipore)
Preservatives	1.5 mL/L ProClin™ 950 (Sigma-Aldrich) 1.0 mL/L ProClin™ 300 (Sigma-Aldrich)
Bioburden	Total aerobic microbial growth < 1000 CFU/mL Yeast and mould growth < 100 CFU/mL
Total IgM concentration	Lot specific, specified in µg/mL Determined by Human IgM Platinum ELISA (Thermo Fisher Scientific) Standardized with IgM from human serum (Sigma-Aldrich)
Antibody specificity	Validated by SERION ELISA *classic* Röteln/Rubella Virus IgM (Virion\Serion)
Storage/shipment	2 – 8 °C Shipment at 2 – 8 °C or on dry ice
Date of manufacture	Lot specific
Expiry date	24 months from date of manufacture (under recommended storage conditions)
Safety statement	Noninfectious – biological product, produced in vitro. Contains no further animal components apart from FBS as declared above.

For research or manufacturing use only. Not for use in diagnostic procedures.

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