

Product Data Sheet – Humanized, Monoclonal Antibody

Product description	Anti-Chlamydia pneumoniae monoclonal antibody, IgM, chimeric
Order No.	MAB1371.001
Lot No.	Lot specific
Clone	G12B2
Preparation	<p>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.</p> <p>The antibody is produced industrially by standard hybridoma cell line techniques under sterile conditions.</p> <p>The antibody is presented in cell culture supernatant.</p>
Culture system	Isocove'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 <i>classic</i> Chlamydia pneumoniae 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.

Date: 2020-06-25