

Product Data Sheet – Humanized, Monoclonal Antibody

Product description	Anti-Cytomegalovirus (CMV) monoclonal antibody, IgM, chimeric	
Order No.	MAB109.001	
Lot No.	Lot specific	
Clone	Z11E4F7	
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	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	<p>1.5 mL/L Proclin™ 950 (Sigma)</p> <p>1.0 mL/L Proclin™ 300 (Sigma)</p>	
Bioburden	<p>Total aerobic microbial growth < 1000 CFU/mL</p> <p>Yeast and mould grow < 100 CFU/mL</p>	
Total IgM concentration	Lot specific, specified in µg/mL	Determined by Human IgM Platinum ELISA (Thermo Scientific) Standardized with IgM from human serum (Sigma Aldrich)
Antibody Specificity	Validated by ELISA	Determined by Virion\Serion ELISA classic ESR109M
Storage	2 – 8 °C	
Date of manufacture	Lot specific	
Expiry date	24 months from date of manufacture (under recommended storage conditions)	
Safety statement	<p>Noninfectious – biological product, produced in vitro.</p> <p>Contains no further animal components apart from FBS as declared above.</p>	

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

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