

## Product Data Sheet – Humanized, Monoclonal Antibody

<b>Product description</b>	Anti-Epstein-Barr Virus (EBV) VCA P18 monoclonal antibody, IgM, chimeric	
<b>Order No.</b>	MAB1361.001	
<b>Lot No.</b>	Lot specific	
<b>Clone</b>	A12F10	
<b>Preparation</b>	<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>	
<b>Culture system</b>	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	
<b>FBS</b>	US Origin	
<b>Filtration</b>	0.2 µm (Millipore)	
<b>Preservatives</b>	<p>1.5 mL/L Proclin™ 950 (Sigma)</p> <p>1.0 mL/L Proclin™ 300 (Sigma)</p>	
<b>Bioburden</b>	<p>Total aerobic microbial growth &lt; 1000 CFU/mL</p> <p>Yeast and mould grow &lt; 100 CFU/mL</p>	
<b>Total IgM concentration</b>	Lot specific, specified in µg/mL	Determined by Human IgM Platinum ELISA (Thermo Scientific) Standardized with IgM from human serum (Sigma Aldrich)
<b>Antibody Specificity</b>	Validated by ELISA	Determined by Virion\Serion ELISA classic ESR1361M
<b>Storage</b>	2 – 8 °C	
<b>Date of manufacture</b>	Lot specific	
<b>Expiry date</b>	24 months from date of manufacture (under recommended storage conditions)	
<b>Safety statement</b>	<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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