

## 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>	1.5 mL/L ProClin™ 950 (Sigma-Aldrich) 1.0 mL/L ProClin™ 300 (Sigma-Aldrich)
<b>Bioburden</b>	Total aerobic microbial growth < 1000 CFU/mL Yeast and mould growth < 100 CFU/mL
<b>Total IgM concentration</b>	Lot specific, specified in µg/mL Determined by Human IgM Platinum ELISA (Thermo Fisher Scientific) Standardized with IgM from human serum (Sigma-Aldrich)
<b>Antibody specificity</b>	Validated by SERION ELISA <i>classic</i> Epstein-Barr Virus VCA IgM (Virion\Serion)
<b>Storage/shipment</b>	2 – 8 °C      Shipment at 2 – 8 °C or on dry ice
<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>	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