

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

<b>Catalog #:</b>	Z45190M	<b>Lot #:</b>	1E13221
<b>Description:</b>	MAb to Human IgM Monoclonal Antibody to Human Immunoglobulin M (IgM)		
<b>Specificity:</b>	No cross reactivity with human IgA, IgD, IgE or IgG.		
<b>Host Animal:</b>	Mouse	<b>Isotype:</b>	IgG <sub>1</sub>
<b>Source:</b>	Ascites		
<b>Immunogen:</b>	Purified Human Serum IgM		
<b>Format:</b>	Purified, Liquid		
<b>Purification:</b>	Protein A Chromatography		
<b>Concentration:</b>	4.14 mg/mL (OD280nm, E <sub>1%</sub> = 14)		
<b>Buffer:</b>	0.015 M Potassium Phosphate Buffer, 0.15 M Sodium Chloride, pH 7.4 ± 0.1.		
<b>Preservative:</b>	0.09% Sodium Azide		
<b>Applications:</b>	Suitable for use in ELISA and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.		
<b>Storage:</b>	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.		
<b>Safety Note(s):</b>	Refer to appropriate Safety Data Sheet (SDS) for additional information.		

Quality Signature:



13 MAY 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**