

## CERTIFICATE OF ANALYSIS

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

<b>Catalog #:</b>	MAD09-034	<b>Lot #:</b>	5G20608
<b>Description:</b>	MAb to Morphine Monoclonal Antibody to Morphine		
<b>Specificity:</b>	Morphine		
<b>Host Animal:</b>	Mouse	<b>Isotype:</b>	IgG <sub>1</sub>
<b>Source:</b>	Ascites		
<b>Format:</b>	Purified, Liquid	<b>EXP DATE:</b>	15 JUN 2020
<b>Purification:</b>	≥ 90% pure (SDS-PAGE). Protein A Chromatography Product is 0.2 µm filtered.		
<b>Concentration:</b>	4.98 mg/mL (OD280nm, E <sup>1%</sup> = 14)		
<b>Buffer:</b>	10 mM Sodium Phosphate, pH 7.4 containing 150 mM Sodium Chloride.		
<b>Preservative:</b>	0.1% Sodium Azide		
<b>Applications:</b>	Specific methodologies have not been tested using this product.		
<b>Storage:</b>	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.		
<b>Safety Note(s):</b>	See appropriate Safety Data Sheet (SDS) for additional information.		

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Signature

17 June 2018  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**