

# Mouse IgM Antibody

F(ab')<sub>2</sub> Goat Polyclonal

Conjugate R-Phycoerythrin

Antigen Affinity Purified

Catalog No. A90-140PE

Lot No. A90-140PE-5



<b>APPLICATIONS</b>	F, IF				
<b>SPECIES REACTIVITY</b>	Mouse				
<b>ISOTYPE</b>	IgG				
<b>AMOUNT</b>	1 ml at 0.5 mg/ml				
<b>STORAGE/SHELF LIFE</b>	2 - 8° C / 1 year from date of receipt				
<b>PHYSICAL STATE</b>	Liquid				
<b>BUFFER</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide				
<b>ORIGIN</b>	USA				
<b>PRODUCTION PROCEDURES</b>	<p>Antiserum was solid phase adsorbed to ensure class specificity. The antibody to mouse IgM was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab')<sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were conjugated to R-phycoerythrin (RPE).</p> <p>Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p> <p>By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgM from other species.</p>				
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Flow Cytometry</td><td>1:50 - 1:200</td></tr><tr><td>Immunofluorescence</td><td>1:50 - 1:200</td></tr></table>	Flow Cytometry	1:50 - 1:200	Immunofluorescence	1:50 - 1:200
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Immunofluorescence	1:50 - 1:200				
<b>APPLICATION NOTES</b>	Not all listed applications have been specifically tested by our laboratory.				
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A90-140PE">https://www.bethyl.com/product/A90-140PE</a> Use the link above to view SDS, a current list of citations, and other product specific information.</p>				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: December 3, 2018