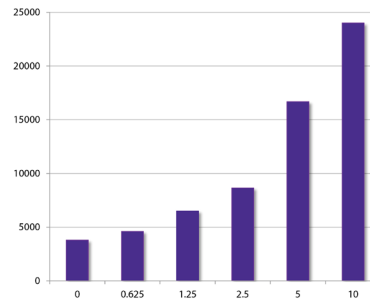


## Mouse F(ab')<sub>2</sub> Anti-Rat IgM

Cat. No.	Format	Size
3082-01	Purified (UNLB)	0.5 mg
3082-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



5 x 10<sup>5</sup> Sprague Dawley rat splenocytes were incubated with the indicated concentrations of Mouse F(ab')<sub>2</sub> Anti-Rat IgM-UNLB (SB Cat. No. 3082-01) for 48 hours. B-cell proliferation was determined by 3H-thymidine incorporation assay.

### Overview

<b>Clone</b>	M2A1
<b>Isotype</b>	Mouse (BALB/c) F(ab') <sub>2</sub> IgG <sub>1</sub> κ
<b>Immunogen</b>	Rat IgM hybridoma
<b>Specificity</b>	Rat IgM

### Applications

FC – Quality tested  
ELISA – Quality tested  
Stim<sup>1</sup>

### Working Dilutions

<b>Flow Cytometry</b>	Purified (UNLB) antibody	≤ 1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>ELISA</b>	Purified (UNLB) antibody	≤ 1 µg/mL
<b>Stimulation</b>	Purified (UNLB) antibody	≤ 5 µg/mL
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

### Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- Reagents are stable for the period shown on the label if stored as directed.

### References

- SouthernBiotech published data (Stim)

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TB3082  
08-Oct-21