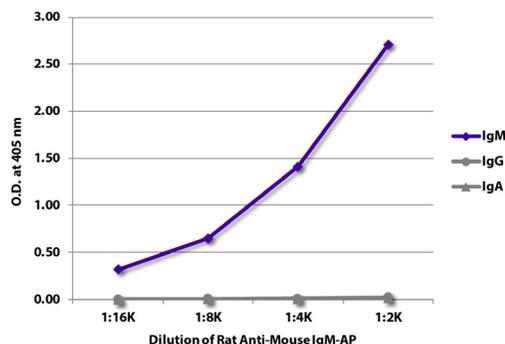




## Rat Anti-Mouse IgM

Cat. No.	Format	Size
1139-01	Purified (UNLB)	0.5 mg
1139-04	Alkaline Phosphatase (AP)	1.0 mL
1139-05	Horseradish peroxidase (HRP)	1.0 mL



ELISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgM-AP (SB Cat. No. 1139-04).

### Overview

<b>Clone</b>	SB73a
<b>Isotype</b>	Rat (Sprague Dawley) IgG <sub>1κ</sub>
<b>Immunogen</b>	Mouse IgM hybridoma
<b>Specificity</b>	Mouse IgM

### Applications

FC – Quality tested  
 ELISA – Quality tested  
 WB <sup>1</sup>  
 IHC-PS – Reported in literature <sup>2</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>	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:4,000 – 1:8,000
<b>Other Applications</b>	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## 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 alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- Reagents are stable for the period shown on the label if stored as directed.

## Warning

---

Some reagents contain sodium azide. Please refer to product specific SDS.

## References

---

1. SouthernBiotech unpublished data (WB)
2. Dassanayake RP, Truscott TC, Özyiğit MÖ, Zhuang D, Schneider DA, O'Rourke KI. Accumulation profiles of PrP<sup>Sc</sup> in hemal nodes of naturally and experimentally scrapie-infected sheep. BMC Vet Res. 2013;9:82. (IHC-PS)