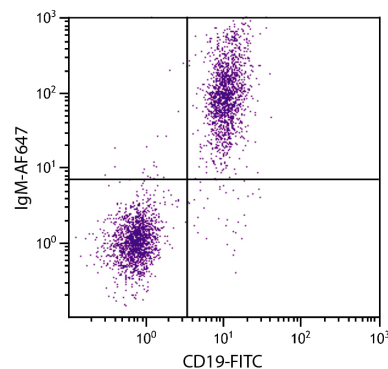




## Goat Anti-Mouse IgM

Cat. No.	Format	Size
1021-01	Purified (UNLB)	1.0 mg
1021-02	Fluorescein (FITC)	1.0 mg
1021-03	Rhodamine (TRITC)	1.0 mg
1021-04	Alkaline Phosphatase (AP)	1.0 mL
1021-05	Horseradish Peroxidase (HRP)	1.0 mL
1021-07	Texas Red <sup>®</sup> (TXRD)	1.0 mg
1021-08	Biotin (BIOT)	1.0 mg
1021-09	R-phycoerythrin (PE)	0.5 mg
1021-09S	R-phycoerythrin (PE)	0.25 mg
1021-30	Alexa Fluor <sup>®</sup> 488 (AF488)	1.0 mg
1021-31	Alexa Fluor <sup>®</sup> 647 (AF647)	1.0 mg
1021-32	Alexa Fluor <sup>®</sup> 555 (AF555)	1.0 mg



BALB/c mouse splenocytes were stained with Goat Anti-Mouse IgM-AF647 (SB Cat. No. 1021-31) and Rat Anti-Mouse CD19-FITC (SB Cat. No. 1575-02).

### Description

<b>Specificity</b>	Reacts with the heavy chain of mouse IgM
<b>Source</b>	Pooled antisera from goats hyperimmunized with mouse IgM
<b>Cross Adsorption</b>	Mouse IgG and IgA; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgM covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1-6</sup>  
 FLISA  
 FC<sup>4,7-17</sup>

Other referenced applications include –

ELISPOT<sup>6</sup>  
 IHC-FS<sup>18,19</sup>  
 IHC-PS<sup>20</sup>  
 ICC<sup>21,22</sup>  
 WB<sup>23,24</sup>  
 Stim<sup>25,26</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC, TRITC, TXRD, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
<b>Flow Cytometry</b>	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE and AF647 conjugates	≤ 0.1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>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 1.0 mg 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 fluorescein (FITC), rhodamine (TRITC), Texas Red® (TXRD), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. 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.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. 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.

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