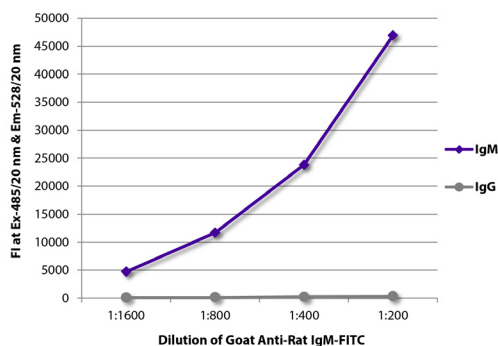




## Goat Anti-Rat IgM

Cat. No.	Format	Size
3020-01	Purified (UNLB)	1.0 mg
3020-02	Fluorescein (FITC)	1.0 mg
3020-03	Rhodamine (TRITC)	1.0 mg
3020-04	Alkaline Phosphatase (AP)	1.0 mL
3020-05	Horseradish Peroxidase (HRP)	1.0 mL
3020-07	Texas Red <sup>®</sup> (TXRD)	1.0 mg
3020-08	Biotin (BIOT)	1.0 mg
3020-09	R-phycoerythrin (PE)	0.5 mg
3020-30	Alexa Fluor <sup>®</sup> 488 (AF488)	1.0 mg



FLISA plate was coated with purified rat IgM and IgG. Immunoglobulins were detected with serially diluted Goat Anti-Rat IgM-FITC (SB Cat. No. 3020-02).

## Description

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

## Applications

Quality tested applications include –

ELISA<sup>1-6</sup>  
FLISA

Other referenced applications include –

FC<sup>5,7-9</sup>  
IHC-FS<sup>10-16</sup>  
IHC-PS<sup>17</sup>  
ICC<sup>18,19</sup>  
WB<sup>17,20</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, and AF488 conjugates	1:100 – 1:400
	PE conjugate	≤ 1 µg/mL

**Other Applications** 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.**

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## 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), and Alexa Fluor® 488 (AF488) 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 of stock solution in 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 of stock solution in 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 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 (M)SDS.

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