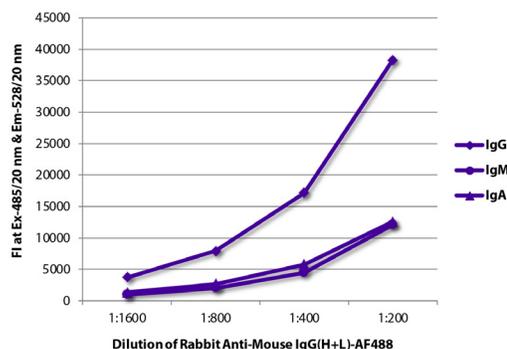




## Rabbit Anti-Mouse IgG(H+L)

Cat. No.	Format	Size
6170-01	Purified (UNLB)	1.0 mg
6170-02	Fluorescein (FITC)	1.0 mg
6170-04	Alkaline Phosphatase (AP)	1.0 mL
6170-05	Horseradish Peroxidase (HRP)	1.0 mL
6170-08	Biotin (BIOT)	1.0 mg
6170-30	Alexa Fluor <sup>®</sup> 488 (AF488)	1.0 mg
6170-31	Alexa Fluor <sup>®</sup> 647 (AF647)	1.0 mg



FLISA plate was coated with purified mouse IgG, IgM, and IgA. Immunoglobulins were detected with Rabbit Anti-Mouse IgG(H+L)-AF488 (SB Cat. No. 6170-30).

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of mouse IgG and the light chains of mouse IgM and IgA
<b>Source</b>	Pooled antisera from rabbits hyperimmunized with mouse IgG
<b>Cross Adsorption</b>	None; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1-4</sup>  
FLISA

Other referenced applications include –

ELISPOT<sup>5</sup>  
IHC-FS<sup>6,7</sup>  
IP<sup>8</sup>  
WB<sup>9-11</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 and AF488 conjugates	1:200 – 1:400
	AF647 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.**

## Handling and Storage

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- 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) conjugate is 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 Alexa Fluor® 488 (AF488) 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.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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

## References

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11. Hadzhieva M, Vassilev TL, Roumenina LT, Bayry J, Kaveri SV, Lacroix-Desmazes S, et al. Mechanism and functional implications of the heme-induced binding promiscuity of IgE. *Biochemistry.* 2015;54:2061-72. (WB)

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