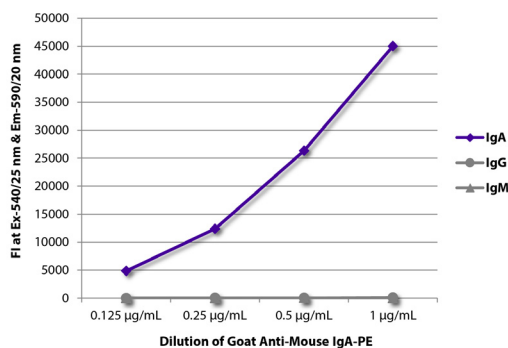




Goat Anti-Mouse IgA

Cat. No.	Format	Size
1040-01	Purified (UNLB)	1.0 mg
1040-02	Fluorescein (FITC)	1.0 mg
1040-03	Rhodamine (TRITC)	1.0 mg
1040-04	Alkaline Phosphatase (AP)	1.0 mL
1040-05	Horseradish Peroxidase (HRP)	1.0 mL
1040-07	Texas Red® (TXRD)	1.0 mg
1040-08	Biotin (BIOT)	1.0 mg
1040-09	R-phycoerythrin (PE)	0.5 mg
1040-30	Alexa Fluor® 488 (AF488)	1.0 mg
1040-31	Alexa Fluor® 647 (AF647)	1.0 mg
1040-32	Alexa Fluor® 555 (AF555)	1.0 mg



FLISA plate was coated with purified mouse IgA, IgG, and IgM. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgA-PE (SB Cat. No. 1040-09).

Description

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

Applications

Quality tested applications include –

ELISA^{1-15,23}
 FLISA
 FC^{1,5,6,10,13,17-20,23,24}

Other referenced applications include –

ELISPOT^{2,7,14,16,23}
 IHC-FS^{3,4,9,11}
 IHC-PS^{5,6}
 ICC^{21,24}
 WB^{8,12,22}
 Sep¹
 Depletion²³

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, TRITC, TXRD, AF488, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	PE and AF647 conjugates	≤ 0.1 µg/10 ⁶ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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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), and Texas Red® (TXRD) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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/NaN₃. Store at 2-8°C.
- The 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ 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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