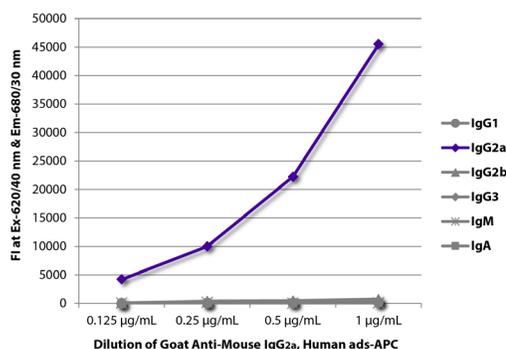




Goat Anti-Mouse IgG_{2a}, Human ads

Cat. No.	Format	Size
1080-01	Purified (UNLB)	1.0 mg
1080-02	Fluorescein (FITC)	1.0 mg
1080-03	Rhodamine (TRITC)	1.0 mg
1080-04	Alkaline Phosphatase (AP)	1.0 mL
1080-05	Horseradish Peroxidase (HRP)	1.0 mL
1080-07	Texas Red [®] (TXRD)	1.0 mg
1080-08	Biotin (BIOT)	1.0 mg
1080-09	R-phycoerythrin (PE)	0.5 mg
1080-09S	R-phycoerythrin (PE)	0.25 mg
1080-10	R-phycoerythrin-Texas Red [®] (PE/TXRD)	0.25 mg
1080-11L	Allophycocyanin (APC)	0.5 mg
1080-11S	Allophycocyanin (APC)	0.25 mg
1080-13	Spectral Red [®] (SPRD)	0.25 mg
1080-15	Cyanine 5 (CY5)	1.0 mg
1080-17	R-phycoerythrin-Cyanine 7 (PE/CY7)	0.25 mg
1080-19	Allophycocyanin-Cyanine 7 (APC/CY7)	0.25 mg
1080-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
1080-31	Alexa Fluor [®] 647 (AF647)	1.0 mg
1080-32	Alexa Fluor [®] 555 (AF555)	1.0 mg



FLISA plate was coated with purified mouse IgG₁, IgG_{2a}, IgG_{2b}, IgG₃, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG_{2a}, Human ads-APC (SB Cat. No. 1080-11).

Description

Specificity	Reacts with the heavy chain of mouse IgG _{2a}
Source	Pooled antisera from goats hyperimmunized with mouse IgG _{2a}
Cross Adsorption	Mouse IgG ₁ , IgG _{2b} , IgG ₃ , IgM, and IgA; human immunoglobulins and pooled sera; may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgG _{2a} covalently linked to agarose

Applications

Quality tested applications include –

- ELISA ¹⁻⁹
- FLISA
- FC ¹¹⁻¹³

Other referenced applications include –

- ELISPOT ^{3,10}
- IHC-FS ^{2,14,15}
- IHC-PS ^{16,17}
- ICC ^{4,18-20}
- EM ¹⁴
- WB ^{1,21-23}
- SPR ²⁴
- Purification ²⁵

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, APC, CY5, and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10 ⁶ cells
	PE, PE/TXRD, APC, SPRD, CY5, PE/CY7, APC/CY7, 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.

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), Cyanine 5 (CY5), 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 alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50mM 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 R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD), R-phycoerythrin-Texas Red® (PE/TXRD), R-phycoerythrin-Cyanine 7 (PE/CY7), and allophycocyanin-Cyanine 7 (APC/CY7) conjugates are supplied as 0.25 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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