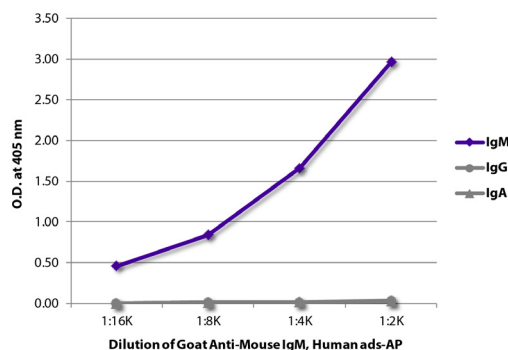




Goat Anti-Mouse IgM, Human ads

| Cat. No. | Format | Size |
|----------|--------------------------------------|---------|
| 1020-01 | Purified (UNLB) | 1.0 mg |
| 1020-02 | Fluorescein (FITC) | 1.0 mg |
| 1020-03 | Rhodamine (TRITC) | 1.0 mg |
| 1020-04 | Alkaline Phosphatase (AP) | 1.0 mL |
| 1020-05 | Horseradish Peroxidase (HRP) | 1.0 mL |
| 1020-06 | β -galactosidase (BGAL) | 1.0 mL |
| 1020-07 | Texas Red [®] (TXRD) | 1.0 mg |
| 1020-08 | Biotin (BIOT) | 1.0 mg |
| 1020-09 | R-phycoerythrin (PE) | 0.5 mg |
| 1020-09S | R-phycoerythrin (PE) | 0.25 mg |
| 1020-11L | Allophycocyanin (APC) | 0.5 mg |
| 1020-11S | Allophycocyanin (APC) | 0.25 mg |
| 1020-15 | Cyanine 5 (CY5) | 1.0 mg |
| 1020-17 | R-phycoerythrin-Cyanine 7 (PE/CY7) | 0.25 mg |
| 1020-30 | Alexa Fluor [®] 488 (AF488) | 1.0 mg |
| 1020-31 | Alexa Fluor [®] 647 (AF647) | 1.0 mg |
| 1020-32 | Alexa Fluor [®] 555 (AF555) | 1.0 mg |



ELISA plate was coated with purified mouse IgM, IgG, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgM, Human ads-AP (SB Cat. No. 1020-04).

Description

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

Applications

Quality tested applications include –

ELISA¹⁻¹¹
FLISA
FC^{4,7,10,13-17}

Other referenced applications include –

ELISPOT^{2,3,5,6,8-10,12}
IHC-FS^{1,7,18-22}
IHC-PS²⁸
ICC^{1,13,23}
EM¹⁹
WB^{14,16,24}
IP^{24,29,30}
Purification²⁶
Stim^{14,25-27}

Working Dilutions

| | | |
|---------------------------|--|---|
| ELISA | AP conjugate | 1:2,000 – 1:4,000 |
| | HRP conjugate | 1:4,000 – 1:8,000 |
| | BGAL conjugate | 1:500 |
| | 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 | $\leq 1 \mu\text{g/mL}$ |
| Flow Cytometry | FITC, BIOT, and AF488 conjugates | $\leq 1 \mu\text{g}/10^6 \text{ cells}$ |
| | PE, APC, CY5, PE/CY7, and AF647 conjugates | $\leq 0.1 \mu\text{g}/10^6 \text{ cells}$ |
| | 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), and 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 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 β-galactosidase (BGAL) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS containing NaN₃ as preservative. 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 R-phycoerythrin-Cyanine 7 (PE/CY7) conjugate is 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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