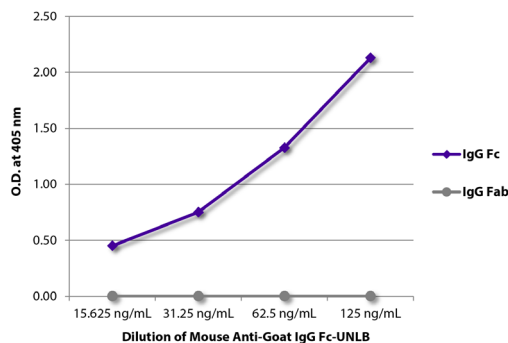




Mouse Anti-Goat IgG Fc

| Cat. No. | Format | Size |
|----------|------------------------------|--------|
| 6157-01 | Purified (UNLB) | 0.5 mg |
| 6157-02 | Fluorescein (FITC) | 0.5 mg |
| 6157-05 | Horseradish Peroxidase (HRP) | 1.0 mL |
| 6157-08 | Biotin (BIOT) | 0.5 mg |
| 6157-09 | R-phycoerythrin (PE) | 0.1 mg |



ELISA plate was coated with purified goat IgG Fc and IgG Fab. Immunoglobulins were detected with serially diluted Mouse Anti-Goat IgG Fc-UNLB (SB Cat. No. 6157-01) followed by Goat Anti-Mouse IgG2b, Human ads-HRP (SB Cat. No. 1090-05).

Overview

| | |
|--------------------|---|
| Clone | SB115h |
| Isotype | Mouse (BALB/c) IgG _{2b} K |
| Immunogen | Pooled goat IgG |
| Specificity | Goat/Sheep IgG Fc Minimal reactivity to goat IgG Fab, human, rabbit, monkey, swine, rat, hamster, and canine IgG, and mouse, bovine, feline, horse, donkey, chicken and guinea pig serum |

Applications

ELISA – Quality tested ¹
 FLISA – Quality tested

Working Dilutions

| | | |
|--------------|--------------------------|--------------------|
| ELISA | Purified (UNLB) antibody | ≤ 1 µg/mL |
| | HRP conjugate | 1:2,000 – 1:8,000 |
| | BIOT conjugate | 1:5,000 – 1:20,000 |
| FLISA | FITC conjugate | 1:200 – 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.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 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.

References

1. Wang Y, Salehi M, Schütz M, Rudi K, Schlücker S. Microspectroscopic SERS detection of interleukin-6 with rationally designed gold/silver nanoshells. *Analyst*. 2013;138:1764-71. (ELISA)