Mouse Anti-Human IgM

Overview

Clone | SA-DA4
Isotype | Mouse (BALB/c) IgG1κ
Immunogen | Human IgM myeloma protein
Specificity | Human IgM; Mr 900 kDa

Applications

ELISA – Quality tested
FLISA – Quality tested
FC – Quality tested
HIC-FS – Reported in literature
ICC – Reported in literature
IP – Reported in literature
WB – Reported in literature
Multiplex – Reported in literature
Stim – Reported in literature

Working Dilutions

ELISA
AP conjugate | 1:1,000 – 1:4,000
HRP conjugate | 1:4,000 – 1:8,000
BIOT conjugate | 1:5,000 – 10,000

FLISA
FITC and AF488 conjugates | 1:200 – 1:400
AF555 conjugate | 1:100 – 1:400
PE, APC, and AF647 conjugates | ≤ 1 µg/mL

Flow Cytometry
Purified (UNLB) antibody | ≤ 1 µg/10^6 cells
FITC, BIOT, and AF488 conjugates | ≤ 1 µg/10^6 cells
PE and APC conjugates | ≤ 0.2 µg/10^6 cells
AF647 conjugate | ≤ 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 0.5 mg of 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/NaNO3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl2/50% glycerol, pH 8.0, containing NaNO3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 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/NaNO3. Store at 2-8°C.
- The R-phycocerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.1 mg in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647), and Alexa Fluor® 555 (AF555) conjugates are supplied as 0.1 mg in 0.2 mL PBS/NaNO3. 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

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

### References

16. Dryer RL, Covey LR. Use of chromatin immunoprecipitation (ChIP) to detect transcription factor binding to highly homologous promoters in chromatin isolated from unstimulated and activated primary human B cells. Biol Proced Online. 2006;8:44-54. (FC)

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