Mouse Anti-Human IgG Fc

Overview

Clone
JDC-10

Isotype
Mouse IgG1κ

Immunogen
Purified human IgG1 myeloma protein

Specificity
Human/Rhesus/Chimpanzee IgG Fc; Mr 150 kDa

Applications

ELISA – Quality tested
FLISA – Quality tested
FC – Quality tested
IHC-PS – Reported in literature
WB – Reported in literature
Multiplex – Reported in literature

Working Dilutions

ELISA
AP conjugate
1:1,000 – 1:4,000
HP conjugate
1:2,000 – 1:8,000
BIOT conjugate
1:5,000 – 1:10,000

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

Flow Cytometry
Purified (UNLB) antibody
≤ 1 µg/10⁶ cells
FITC, BIOT, and AF488 conjugates
≤ 1 µg/10⁶ cells
PE and AF647 conjugates
≤ 0.2 µg/10⁶ 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/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 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!**
- The Alexa Fluor® 488, Alexa Fluor® 647, and Alexa Fluor® 555 conjugates are supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.

Warning

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

References

25. Nonhuman Primate Reagent Resource (Rhesus & Chimpanzee Reactivity)