Mouse Anti-Human IgG₄ Fc

Overview

Clone  HP6025
Isotype  Mouse (BALB/c) IgG₁κ
Immunogen  Human IgG₄ myeloma protein
Specificity  Human IgG₄ Fc; Mr 146 kDa

Applications

ELISA – Quality tested ²,⁶
FLISA – Quality tested
FC – Reported in literature ¹⁵,¹⁸,¹⁹
IHC-FS – Reported in literature ¹⁰
IHC-PS – Reported in literature ⁵,⁷,¹⁰,¹¹
ICC – Reported in literature ¹²
WB – Reported in literature ³,¹³-¹⁶
Microarray – Reported in literature ¹⁷
Multiplex – Reported in literature ²,²⁰-²²
Purification – Reported in literature ¹⁵

Working Dilutions

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

FLISA
- FITC, AF488, and AF555 conjugates  1:200 – 1:400
- PE and AF647 conjugates  ≤ 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.
Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of pure 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/Na3. 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 Na3 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/Na3. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/Na3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 mL of PBS/Na3. 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