Rat Anti-Mouse IgE

Overview

Clone  23G3
Isotype  Rat IgG1κ
Immunogen  Monoclonal anti-DNP mouse IgE
Specificity  Mouse IgE

Applications

ELISA – Quality tested 1-11
FLISA – Quality tested
FC – Reported in literature 12-16
IHC-FS – Reported in literature 17,18
IHC-PS  23
IHC-WM – Reported in literature 19
WB – Reported in literature 5,21
ELISpot – Reported in literature 1,20
Neut – Reported in literature 22

Working Dilutions

ELISA
AP conjugate  1:500 – 1:1,000
HRP conjugate  1:1,000 – 1:2,000
BIOT conjugate  1:5,000 – 1:10,000

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.
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 or 0.2 mg in 2.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Aliquot and store at or below -20°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 SDS.

References


23. SouthernBiotech published data (IHC-PS)