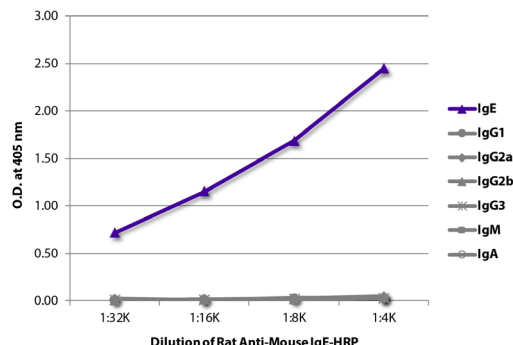




Rat Anti-Mouse IgE

Cat. No.	Format	Size
1130-01	Purified (UNLB)	0.5 mg
1130-02	Fluorescein (FITC)	0.5 mg
1130-04	Alkaline Phosphatase (AP)	1.0 mL
1130-05	Horseradish Peroxidase (HRP)	1.0 mL
1130-08	Biotin (BIOT)	0.5 mg
1130-09	R-phycoerythrin (PE)	0.1 mg
1130-09L	R-phycoerythrin (PE)	0.2 mg
1130-14	Low Endotoxin, Azide-Free (LE/AF)	0.5 mg



ELISA plate was coated with purified mouse IgE, IgG₁, IgG_{2a}, IgG_{2b}, IgG₃, IgM, and IgA. Immunoglobulins were detected with serially diluted Rat Anti-Mouse IgE-HRP (SB Cat. No. 1130-05).

Overview

Clone	23G3
Isotype	Rat IgG _{1κ}
Immunogen	Monoclonal anti-DNP mouse IgE
Specificity	Mouse IgE

Applications

ELISA – Quality tested ¹⁻¹¹
 FLISA – Quality tested ¹²⁻¹⁶
 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.	

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 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. Contains no preservative; handle under aseptic conditions. Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles.
- 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.

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