Goat Anti-Mouse IgE

**Cat. No.** | **Format** | **Size**
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1110-01 | Purified (UNLB) | 1.0 mg
1110-02 | Fluorescein (FITC) | 1.0 mg
1110-04 | Alkaline Phosphatase (AP) | 1.0 mL
1110-05 | Horseradish Peroxidase (HRP) | 1.0 mL
1110-08 | Biotin (BIOT) | 1.0 mg
1110-09 | R-phycoerythrin (PE) | 0.5 mg

**Description**

**Specificity**
Reacts with the heavy chain of mouse IgE

**Source**
Pooled antisera from goats hyperimmunized with mouse IgE

**Cross Adsorption**
Mouse IgG1, IgG2a, IgG2b, IgG3, IgM, and IgA; may react with immunoglobulins from other species

**Purification**
Affinity chromatography on mouse IgE covalently linked to agarose

**Applications**

Quality tested applications include –
- ELISA 1-17
- FLISA

Other referenced applications include –
- FC 18
- IHC 19
- WB 20,21
- IP 22

**Working Dilutions**

**ELISA**
- AP conjugate: 1:2,000 – 1:4,000
- HRP conjugate: 1:4,000 – 1:8,000
- BIOT conjugate: 1:5,000 – 1:20,000

**FLISA**
- FITC conjugate: 1:100 – 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 1.0 mg 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 1.0 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 1.0 mg in 2.0 mL of PBS/NaN3. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- 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