

Product datasheet for **AP21480AF-N**

Human IgE (Fc specific) Goat Polyclonal Antibody

Product data:

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| Product Type: | Secondary Antibodies |
| Product Name: | Human IgE (Fc specific) Goat Polyclonal Antibody |
| Applications: | ELISA, ID, IF, IP, WB |
| Recommended Dilution: | Can be used as unlabelled secondary antibody for Indirect detection of IgE in Human cell, tissue substrates and body fluids in immunofluorescence and immunoenzyme assay methods; for the production of immunoconjugates with a selected marker; to prepare insoluble immunoaffinity adsorbents by coupling to an artificial carrier; as catching or detecting antibody reagent in non-isotopic assay methodology (e.g. ELISA) to identify and measure IgE in human serum or other body fluid. When applied in any immunocytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established. <i>Recommended Working Dilutions:</i> Histochemical and Cytochemical Use: 1/100-1/250. ELISA and comparable non-precipitating antibody-binding assays: 1/500-1/5,000. Performance testing: Isotype specificity and quantitative specific recognition ability are further evaluated at the high level of sensitivity by direct single and simultaneous double staining of different types of human cells, using counterstaining with reference conjugates with a different marker. The immunoconjugate is further tested in ELISA-type assays. |
| Reactivity: | Human |
| Host: | Goat |
| Immunogen: | Purified homogenous IgE isolated from Human serum. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| Isotype: | IgG |
| Formulation: | PBS, pH 7.2 without preservatives. State: Azide Free State: Lyophilized purified hyperimmune IgG fraction |
| Reconstitution Method: | Restore by adding 1.0 ml sterile distilled water. |
| Concentration: | lot specific |
| Purification: | Salt Precipitation and DEAE-Chromatography. |
| Conjugation: | Unconjugated |



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Storage: Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one month
or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.

Note: **Adsorption:** Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity reacting with other components of the immunoglobulin system and to any other serum protein. Special attention is given to the elimination of antibodies to the common Fab portion of immunoglobulins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.