

Product datasheet for **AP21485BT-N**

Mouse IgE (Fc specific) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Secondary Antibodies |
| Product Name: | Mouse IgE (Fc specific) Rabbit Polyclonal Antibody |
| Applications: | ELISA, ID, IF, IHC, IP, WB |
| Recommended Dilution: | <p>Can be used in Immunocytochemical and Immunohistochemical staining for the detection of IgE at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology. In non-isotopic assay methodology (e.g. ELISA) to identify and measure IgE in mouse serum or other body fluid. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.</p> <p><i>Recommended Working Dilutions:</i></p> <p>Histochemical and Cytochemical: 1/100-1/250.</p> <p>ELISA and comparable non-precipitating antibody-binding assays: 1/500-1/3000.</p> <p><i>Performance testing:</i> 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 mouse cells, using counterstaining with reference conjugates with a different marker. The immunoconjugate is further tested in ELISA-type assays.</p> |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Immunogen: | <p>Purified homogenous IgE isolated from mouse serum.</p> <p>Freund's complete adjuvant is used in the first step of the immunization procedure.</p> |
| Isotype: | IgG |



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| Formulation: | PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized purified IgG fraction Label: Marker: N-Hydroxysuccinimidobiotin. Conjugation procedure: A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilized to assure stability and long shelf life Molar ratio: Biotin/IgG: ~6.3 |
| Reconstitution Method: | Restore by adding 1.0 ml of sterile distilled water |
| Concentration: | 10.0 mg/ml |
| Purification: | Salt Precipitation and DEAE Chromatography |
| Conjugation: | Biotin |
| Storage: | Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. |
| Note: | Adsorption: Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibody activity to the common Fab portion of immunoglobulins and to any other serum protein. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum. |