

Human IgE Antibody

Purified No Carrier Protein

Monoclonal Antibody

Product Information

Product No.: I-521

Clone: 122

RRID: AB_2893811

Isotype: Mouse IgG2b

Storage: Sterile 2° to 8°C

Product Description

Specificity:

This Mouse Anti-Human IgE Monoclonal Antibody recognizes Human IgE.

Background:

Immunoglobulin E (IgE) is a key antibody in our immune system, built from two heavy and two light chains. While it helps fight parasitic infections, IgE is more commonly known for its strong link to allergies and asthma, where it triggers hypersensitivity reactions and allergic symptoms.

Known Reactivity Species:

Human

Format:

Purified No Carrier Protein

Immunogen:

Human IgE (polyclonal).

Formulation

This Anti Human IgE Monoclonal is supplied in 0.05 M phosphate buffered saline (PBS), pH 7.2 - 7.4, containing 0.1% sodium azide.

Storage and Stability

Store this antibody at 2 to 8°C for up to one year. For longer-term storage, aliquot the antibody into smaller volumes and freeze at ≤ -70°C. **Avoid repeated freeze-thaw cycles** to maintain antibody integrity.

Product Preparation

This monoclonal antibody was meticulously purified at our St. Louis, Missouri manufacturing facility, operating under an ISO13485 certified quality system. We employed multi-step affinity chromatography methods, such as Protein A or G, with the specific choice depending on the antibody's species and isotype, to ensure high purity and quality.

Country of Origin

USA