

Anti-IL-5, Humanized Antibody (Rz3)

rev 11/21

CATALOG NO.: A2167-100 (100 µg)

BACKGROUND DESCRIPTION: The research-grade biosimilar is a humanized IgG4 kappa monoclonal antibody that targets IL-5. IL-5 is a proinflammatory cytokine that mediates recruitment, activation, growth, differentiation, and survival of eosinophils. Increased production of eosinophils is associated with allergic and non-allergic forms of asthma. The antibody specifically binds to the ERRR region (between amino acids 89-92) of the IL-5, which is necessary for the interaction with the IL-5 receptor located on the eosinophil cell surface.

ALTERNATE NAMES: EDF, TRF, IL5, Interleukin 5, Eosinophil Differentiation Factor

ANTIBODY TYPE: Monoclonal

HOST/ISOTYPE: Recombinant / IgG4

SOURCE: CHO cells

IMMUNOGEN: Human IL-5

PURIFICATION: Protein A purified

FORM: Liquid

FORMULATION: In PBS, pH 7.5

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -80 °C

This information is only intended as a guide. The optimal dilutions must be determined by the user

RELATED PRODUCTS:

Anti-IL5, Humanized Antibody (A2158)
Anti-IL-5R α , Humanized Antibody (A2162)
Anti-IgE, Humanized Antibody (A2145)
Anti-IL-4R α , Human IgG4 Antibody (A2148)
Anti-TNF- α , Humanized Antibody (A2142)

FOR RESEARCH USE ONLY! Not to be used on humans.