

# Anti-Human IgE, Rabbit Monoclonal Antibody

**CATALOG NO.:** A1800-50 50 µg.

**BACKGROUND DESCRIPTION:** Rabbit monoclonal to Human IgE

**ANTIBODY TYPE:** Monoclonal

**CLONE:** RM122

**CONCENTRATION:** 1.0 mg/ml

**HOST/ISOTYPE:** Rabbit / Rabbit IgG.

**IMMUNOGEN:** Human IgE.

**SPECIFICITY:** RM122 reacts to human IgE. No cross reactivity with human IgG, IgM, IgD, or IgA.

**PURIFICATION:** Protein A affinity purified from an animal origin-free culture supernatant.

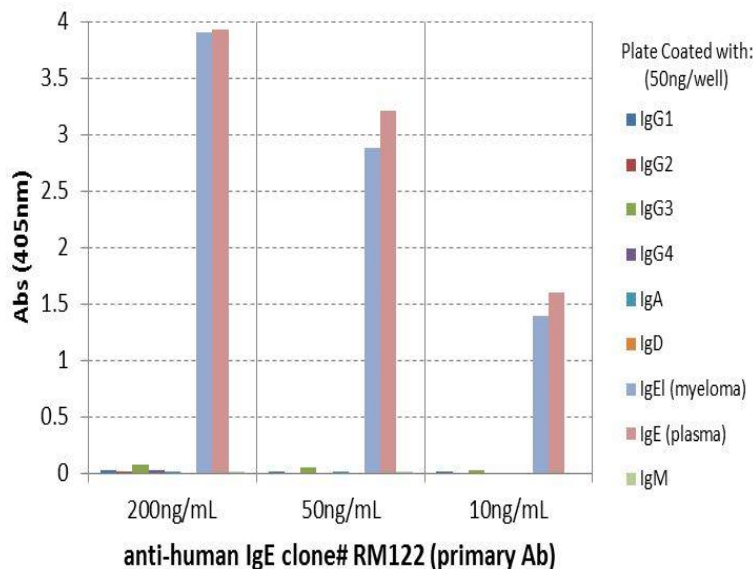
**FORM:** Liquid.

**FORMULATION:** 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide

**SPECIES REACTIVITY:** Human.

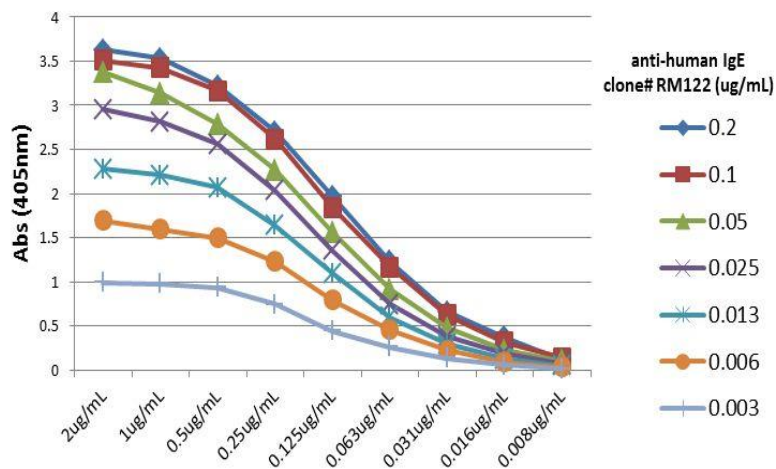
**STORAGE CONDITIONS:** Store at -20°C. Avoid repeated freeze / thaw cycles.

**APPLICATIONS AND USAGE:** Immunocytochemistry (ICC): 0.5 µg/ml-2 µg/ml.  
 ELISA: 10 ng/well – 100 ng/well (for Capture).  
 0.01 µg/mL – 0.1 µg/mL (for Detection).  
 Immunohistochemistry (IHC): 0.5 µg/ml-2 µg/ml.



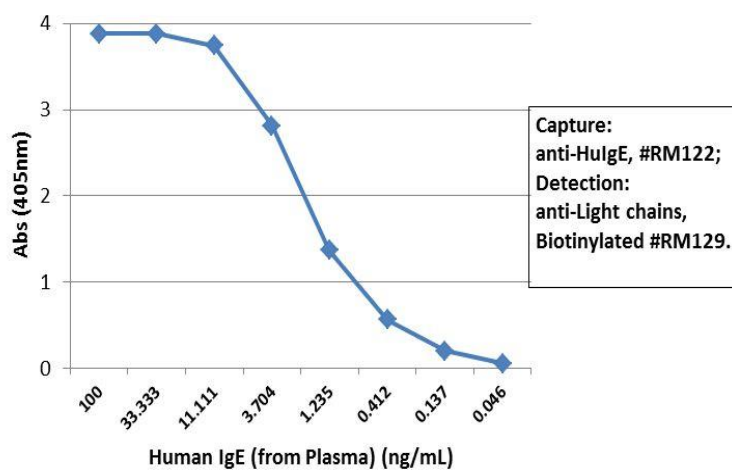
ELISA of human immunoglobulins shows RM122 reacts only to human IgEλ from human myeloma plasma and the IgE from human plasma. No cross reactivity with Human IgG, IgM, IgD, or IgA. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50 ng/mL or 10 ng/mL of RM122 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

06/19



A titer ELISA using RM122. The plate was coated with different amounts of human IgE. A serial dilution of RM122 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

Human IgE (from plasma) (50uL/well coating plate)



Sandwich ELISA using RM122 as the capture antibody (25ng/well), and Biotinylated anti-human light chains ( $\kappa + \lambda$ ) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

**RELATED PRODUCTS:**

- Anti-Mouse IgG Rabbit Monoclonal Antibody (Cat# A1781).
- Anti-Human IgA1, Rabbit Monoclonal Antibody (Cat# A1797).
- Anti-Human IgA Rabbit Monoclonal Antibody (Cat# A1796).
- Anti-Mouse IgA Rabbit Monoclonal Antibody (Cat# A1787).
- Anti-Mouse IgM Rabbit Monoclonal Antibody (Cat# A1788).
- Anti-Human IgM Rabbit Monoclonal Antibody (Cat# A1795).

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

