RevMAb Biosciences
www.revmab.com

RevMAb Biosciences USA, Inc.
830 Dubuque Ave, South San Francisco, CA 94080, USA

Certificate of Analysis

Product: Rabbit Monoclonal Antibody

Human IgE Matched Antibody Pair

Catalog No.: 31-1024-MK

Lot No.:

Specificity This antibody pair detects only human IgE. It does not react to monkey (Cyno or Rhesus) IgE, mouse IgE, rat IgE, or goat IgE.

Application: Sandwich ELISA, or other Sandwich Assays.

Components:

1) Capture Antibody: Anti-Human IgE Rabbit Monoclonal antibody, clone RM122, 100 µg at 1.0 mg/mL in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide;
2) Detection Antibody: Biotin Anti-Human Ig Light Chain Rabbit Monoclonal Antibody, Clone RM129, 25 µg at 1.0 mg/mL in 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide;
3) 10X Sample Diluent: Added to the tested sample to reduce non-specific background and noise.

Usage: ELISA: Capture Antibody 50ng/well – 200ng/well;
Detection Antibody 0.1ug/mL – 0.5ug/mL;

Storage and Stability: Components (1) (2) Stable for 1 Year at -20.0°C from date of receipt.

Component (3) Store at 2-8°C

Country of Origin: U.S.A.

Intended Use: **For Research Use Only Not for Diagnostic or Therapeutic Use**

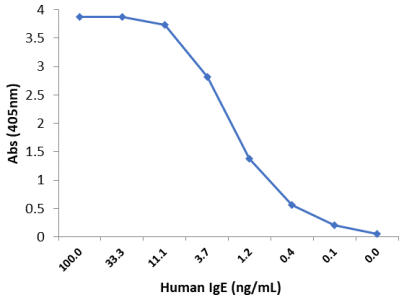

Fig 1. Sandwich ELISA using RM122 as the capture antibody (100ng/well), and Biotinylated anti-human light chains (k+l) antibody RM129 (0.2ug/mL) as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

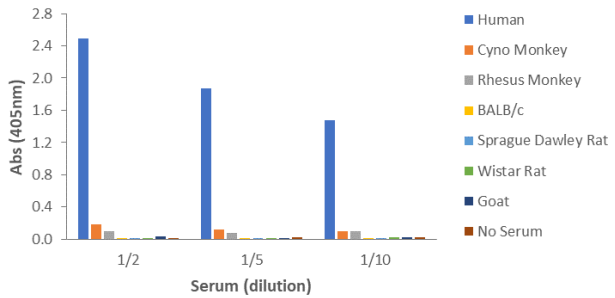

Fig 2. Sandwich ELISA, using RevMAb human IgE matched antibody pair (capture: RM122; detection: Biotin-RM129), shows species reactivity to human only, and shows no cross-reactivity to monkey (Cyno or Rhesus), mouse IgE, rat IgE, or goat IgE.

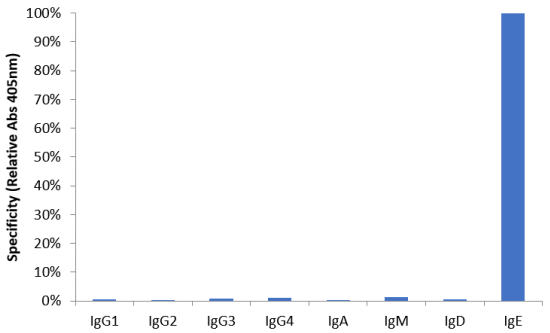

Fig 3. Sandwich ELISA, using RevMAb human IgE matched antibody pair, shows no cross-reactivity with Human IgG, IgM, IgA, or IgD. The plate was coated with human IgE capture antibody (50ng/well). Different immunoglobulin samples (0.2 ug/mL) were added and biotinylated RM129 (0.2ug/mL) was used as detection antibody, followed by an alkaline phosphatase conjugated streptavidin