RevMAb Biosciences
www.revmab.com

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

# Certificate of Analysis

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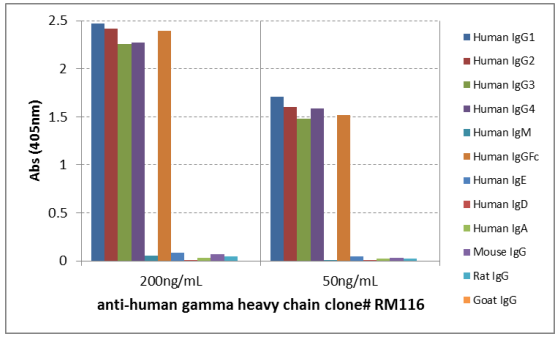
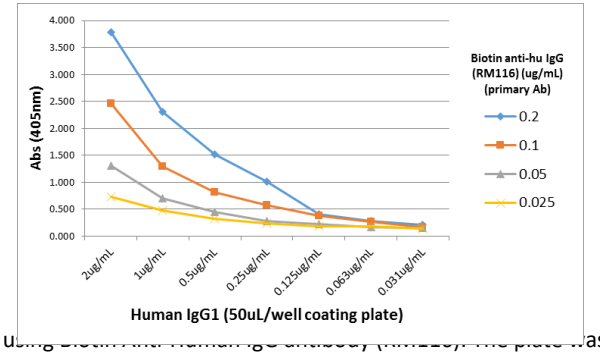
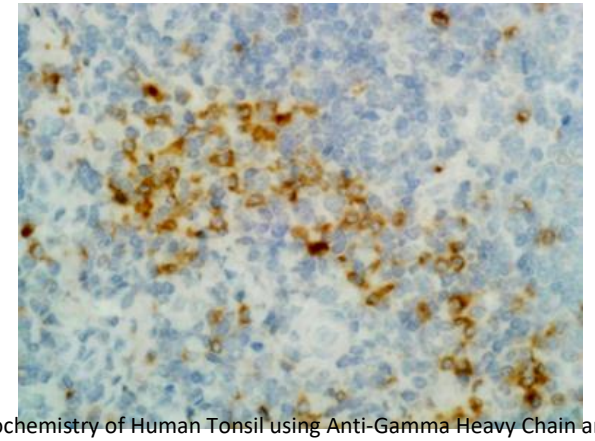
|---|---|
| **Product:** | Rabbit Monoclonal Antibody<br>Biotin Anti-Human Gamma Heavy Chain Rabbit Monoclonal Antibody, Clone RM116 |
| **Catalog No.:** | 31-1018-02 |
| **Lot No.:** | |
| **Clone** | RM116 |
| **Specificity** | This antibody reacts to the Fc region of all gamma heavy chains of human immunoglobulins, including γ1, γ2, γ3, and γ4. No cross reactivity with other human heavy chains, mouse IgG, rat IgG, or goat IgG. |
| **Application:** | ELISA, Immunohistochemistry, Immunocytochemistry. |
| **Immunogen:** | Human IgG |
| **Purity:** | Protein A affinity purified from an animal origin–free culture supernatant |
| **Size:** | 50 µg |
| **Concentration:** | 1.0 mg/mL |
| **Buffer:** | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| **Usage:** | ELISA: 0.05ug/mL – 1ug/mL;<br>IHC, ICC: 0.5ug/mL – 2ug/mL. |
| **Storage and Stability:** | Stable for 1 Year at -20.0°C from date of receipt. |
| **Country of Origin:** | U.S.A. |
| **Intended Use:** | **For Research Use Only Not for Diagnostic or Therapeutic Use** |




ELISA of human immunoglobulins shows RM116 reacts to the γ1, γ2, γ3, γ4 heavy chains of human IgGs, and the Fc of human IgG. No cross reactivity with other human heavy chains, mouse IgG, rat IgG, or goat IgG. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL or 50 ng/mL of RM116 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.




A titer ELISA u[illegible] was coated with different amounts of human IgG1. A serial dilution of Biotin-RM116 was used as the primary antibody. An alkaline phosphatase conjugated streptavidin as the secondary antibody.



Immunohistochemistry of Human Tonsil using Anti-Gamma Heavy Chain antibody RM116.

Immunohistochemistry of human tonsil using anti-gamma heavy chain antibody RM116