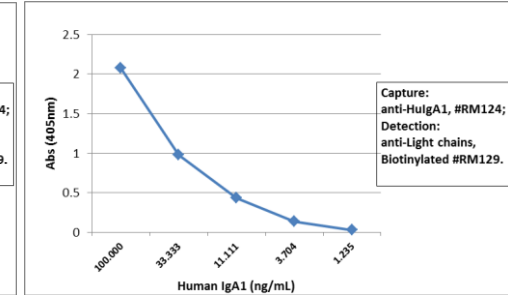
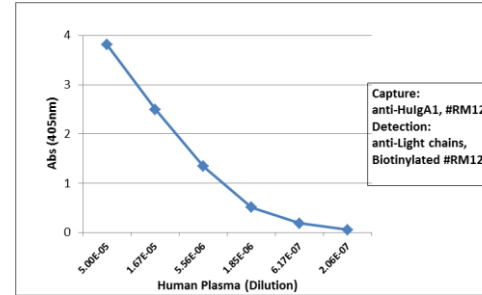
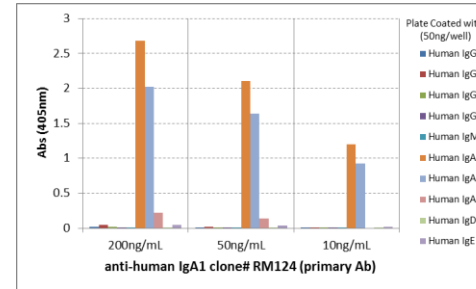


Certificate of Analysis

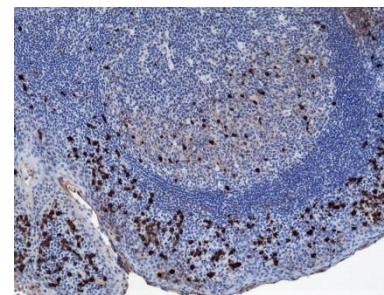
| | |
|-------------------------------|--|
| Product: | Rabbit Monoclonal Antibody Anti-Human IgA1 Rabbit Monoclonal Antibody, Clone RM124 |
| Catalog No.: | 31-1026-00 |
| Lot No.: | |
| Clone | RM124 |
| Specificity | This antibody reacts to human IgA1, and very slightly cross reacts with IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE. |
| Application: | ELISA, Immunohistochemistry, Immunocytochemistry. |
| Immunogen: | Human IgA |
| Purity: | Protein A affinity purified from an animal origin-free culture supernatant |
| Size: | 100 µg |
| Concentration: | 1.0 mg/mL |
| Buffer: | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| Usage: | ELISA: 50ng/well – 200ng/well (for Capture); 0.05ug/mL – 0.2ug/mL (for Detection); ICC: 0.5ug/mL-2ug/mL; IHC: 0.1ug/mL – 1ug/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 |



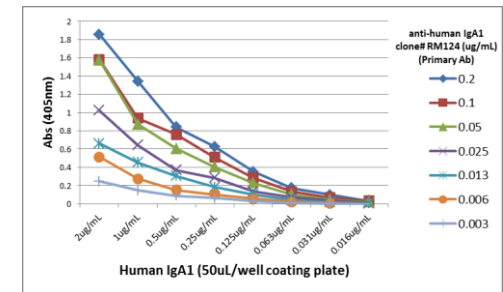
Sandwich ELISA using RM124 as the capture antibody (100ng/well), and Biotinylated anti-human light chains ($\kappa+\lambda$) antibody RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA of human immunoglobulins shows RM124 only reacts to human IgA1. The clone very slightly cross reacts with IgA2. No cross reactivity with human IgG, IgM, IgD, or IgE. The plate was coated with 50 ng/well of different immunoglobulins. 200 ng/mL, 50ng/mL, or 10 ng/mL of RM124 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Immunohistochemistry of Human Tonsil Tissue using Anti-Human IgA1 antibody RM124.



A titer ELISA using RM124. The plate was coated with different amounts of human IgA1. A serial dilution of RM124 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.