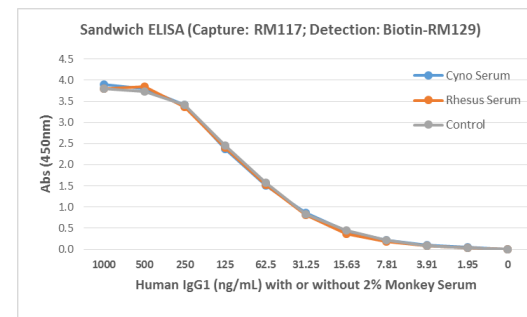
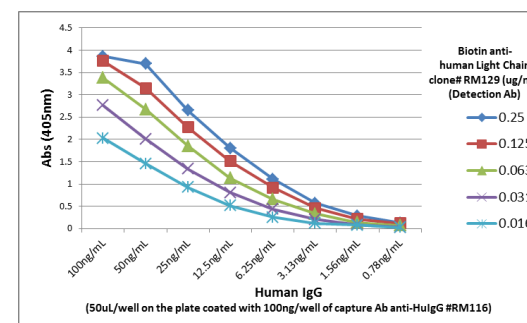


## Certificate of Analysis

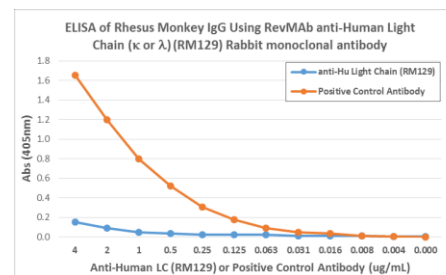
<b>Product:</b>	Rabbit Monoclonal Antibody
	Biotin Anti-Human Immunoglobulin Light Chains Rabbit Monoclonal Antibody, Clone RM129
<b>Catalog No.:</b>	32-1031-02
<b>Lot No.:</b>	
<b>Clone</b>	RM129
<b>Specificity</b>	This antibody reacts to both kappa and lambda light chains of human immunoglobulins. The antibody does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
<b>Application:</b>	ELISA, Immunohistochemistry, Immunocytochemistry, Flow Cytometry.
<b>Immunogen:</b>	Human IgG
<b>Purity:</b>	Protein A affinity purified from an animal origin-free culture supernatant
<b>Size:</b>	50 µg
<b>Concentration:</b>	1.0 mg/mL
<b>Buffer:</b>	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
<b>Usage:</b>	ELISA: 0.05ug/mL – 0.5ug/mL; IHC, ICC: 0.5ug/mL – 2ug/mL;
<b>Storage and Stability:</b>	Stable for 1 Year at -20.0°C from date of receipt.
<b>Country of Origin:</b>	U.S.A.
<b>Intended Use:</b>	<b>For Research Use Only Not for Diagnostic or Therapeutic Use</b>



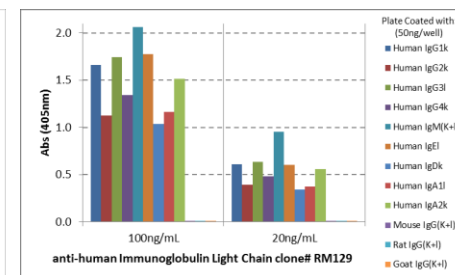
Detection of human IgG1 in monkey serum, using RM117 (capture) and biotin-RM129 (detection) as a Sandwich ELISA pair. HRP conjugated streptavidin and TMB were used to yield the colorimetric reaction.



A titer Sandwich ELISA using biotinylated RM129 as the detection antibody. The plate, coated with the capture antibody anti-human IgG RM116, was loaded with different amounts of human IgG. A serial dilution of Biotin RM129 was used as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.



ELISA showing RM129 does not react to monkey IgG. The plate was coated with Rhesus monkey IgG. A serial dilution of RM129 and a monkey IgG binding antibody (positive control) was used as the detection antibody.



ELISA showing RM129 reacts only to kappa and lambda light chain of all human immunoglobulins, not to mouse IgG, rat IgG, or goat IgG.