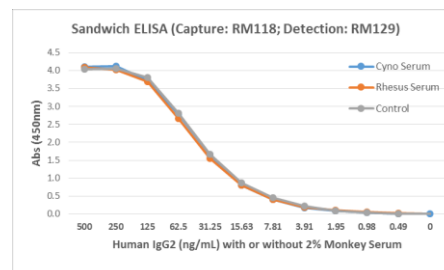
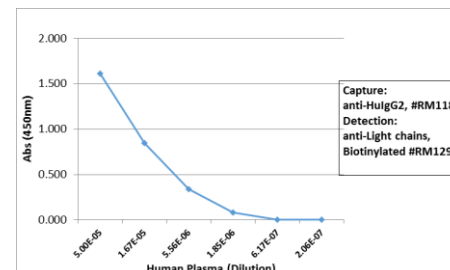


Certificate of Analysis

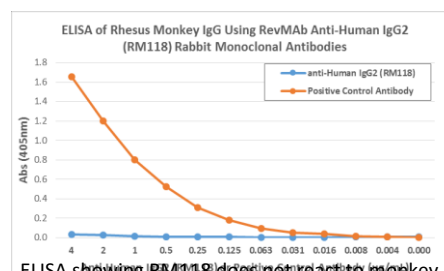
Product:	Rabbit Monoclonal Antibody Anti-Human IgG2 Rabbit Monoclonal Antibody, Clone RM118
Catalog No.:	31-1020-00
Lot No.:	
Clone	RM118
Specificity	This antibody reacts to the heavy chain of human IgG2. RM118 does not cross react to any other IgG subclasses (IgG1, IgG3, or IgG4), and shows no cross reactivity to IgM, IgA, IgD, or IgE. RM118 does not react to monkey (Cyno or Rhesus) IgG, mouse IgG, rat IgG, or goat IgG.
Application:	ELISA.
Immunogen:	Human IgG2
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);
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



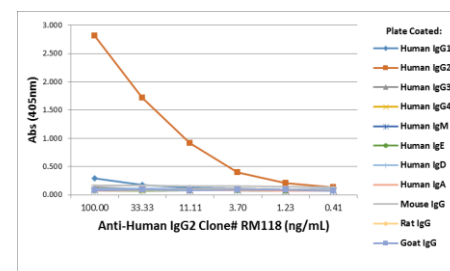
Detection of human IgG2 in monkey serum. Sandwich ELISA using RM118 as the capture antibody, and biotinylated anti-human light chains (κ or λ) antibody RM129 as the detection antibody, followed by a HRP conjugated streptavidin.



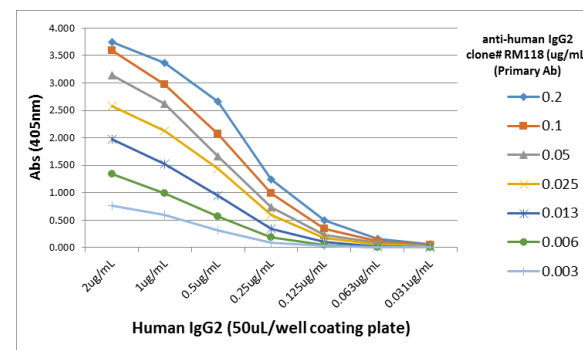
Sandwich ELISA using RM118 as the capture antibody, and biotinylated anti-human light chains (κ or λ) antibody RM129 as the detection antibody, followed by an AP conjugated streptavidin.



ELISA showing RM118 does not react to monkey IgG. The plate was coated with Rhesus monkey IgG. A serial dilution of RM118 and a monkey IgG binding antibody (positive control) was used as the detection antibody.



ELISA showing RM118 reacts only to human IgG2, and not to any other IgG subclasses (IgG1, IgG3, or IgG4), and no cross reactivity to IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.



A titer ELISA using RM118. The plate was coated with different amounts of human IgG2. A serial dilution of RM118 was used as the primary antibody, followed by an alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.