

Anti-Human IgG4 Fc IGHG4 Rabbit Monoclonal Antibody, Clone#RM217

Catalog Number: M11385-3

Overview

Product Name	Anti-Human IgG4 Fc IGHG4 Rabbit Monoclonal Antibody, Clone#RM217
Reactive Species	Human
Description	Boster Bio Anti-Human IgG4 Fc IGHG4 Rabbit Monoclonal Antibody, Clone#RM217 (Catalog # M11385-3). Tested in ELISA applications. This antibody reacts with Human.
Application	ELISA
Clonality	Monoclonal RM217
Formulation	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Storage Instructions	Store at -20°C for one year. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01861

Technical Details

Immunogen	Peptide corresponding to the Fc region of Human IgG4
Cross Reactivity	This antibody reacts to the Fc region of human IgG4. No cross-reactivity with human IgG1, IgG2, IgG3, IgM, IgA, IgD, IgE, mouse IgG, rat IgG, or goat IgG.
Isotype	Rabbit IgG
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A affinity purified from an animal origin-free culture supernatant
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>ELISA: 50ng/well – 200ng/well (for Capture)</p> <p>0.05ug/mL – 0.2ug/mL (for Detection).</p>

Anti-Human IgG4 Fc IGHG4 Rabbit Monoclonal Antibody, Clone#RM217 (M11385-3) Images

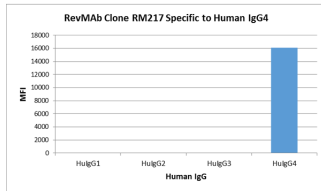


Figure 1. Specificity Test result
RM217 specifically reacts to human IgG4. No cross reactivity with human IgG1, IgG2, IgG3

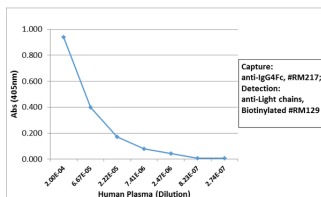


Figure 2. ELISA result showing specificity
Sandwich ELISA using RM217 as the capture antibody, and Biotinylated anti-human light chains (+) antibody RM129 as the detection antibody, followed by an AP conjugated streptavidin.

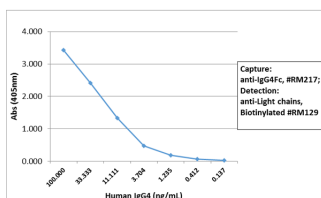


Figure 3. ELISA result showing specificity
Sandwich ELISA using RM217 as the capture antibody, and Biotinylated anti-human light chains (+) antibody RM129 as the detection antibody, followed by an AP conjugated streptavidin.

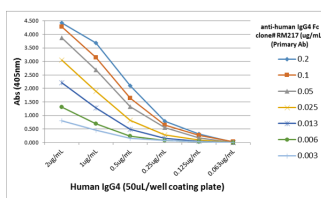


Figure 4. ELISA result showing specificity
A titer ELISA using RM217. The plate was coated with different amounts of human IgG4. A serial dilution of RM217 was used as the primary antibody. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.

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