

Rabbit Anti-Human IgG3 Secondary Antibody-HRP (2K693)

Product Details

Ig Type:	Rabbit IgG Human;
Reactivity:	Predicted to React with:No cross reactivity with Human IgG1, IgG2, IgG4, IgA, IgM, IgE, Mouse IgG, Rat IgG.
Conjugation:	HRP
Clone:	2K693
Purification:	Protein A

Applications

Verified Activity:	ELISA of immunoglobulins shows Rabbit Anti-Human IgG3 Secondary Antibody, (HRP), Rabbit MAb reacts to Human IgG3. No cross reactivity with Human IgG1, IgG2, IgG4, IgA, IgM, IgE, Mouse IgG, Rat IgG, Rabbit IgG. The plate was coated with 1 µg/mL of different immunoglobulins. 0.5 µg/mL of Rabbit Anti-Human IgG3 Secondary Antibody (HRP), Rabbit MAb was used as the secondary antibody. (Validation Experiment)
Application:	ELISA

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human IgG3 Protein (TMPY-02895)
Antigen Species:	Human
Synonyms:	IGHG3

Research Background

IGHG3 (Immunoglobulin Heavy Constant Gamma 3 (G3m Marker), also known as IgG3) is a Protein Coding gene. Ig gamma-3 chain C region is a protein that in humans is encoded by the IGHG3 gene. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Murine immunoglobulin G (IgG) plays an important role in mediating protective immune responses to malaria. Diseases associated with IGHG3 include Heavy Chain Disease and Gamma Heavy Chain Disease. Among its related pathways are IL4-mediated signaling events and the Creation of C4 and C2 activators.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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