

## Rabbit Anti-Human IgG3 Secondary Antibody (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:	Unconjugated
Clone:	2K693
Purification:	Protein A

## Applications

Verified Activity:	ELISA of immunoglobulins shows Rabbit Anti-Human IgG3 Secondary Antibody, Rabbit MAb reacts to human IgG3. No cross reactivity with Human IgG1, IgG2, IgG4, IgA, IgM, IgE, Mouse IgG, Rat IgG. The plate was coated with 1 µg/mL of different immunoglobulins. 0.1 µg/mL of Rabbit Anti-Human IgG3 Secondary Antibody, Rabbit MAb was used as the primary antibody. A horseradish-peroxidase (HRP) conjugated anti-Rabbit IgG as the secondary antibody. (Validation Experiment)
Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

## 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.
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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