

Rabbit Anti-human IgG heavy chain constant region whole serum Secondary Antibody

Product Details

Reactivity: Human

Applications

Application: ELISA,IF,IHC-F,IHC-P,WB

Recommended WB: 1:10000-50000; IHC-P: 1:100-500; IHC-F: 1:10000-50000; ELISA: 1:10000-100000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: human IgG heavy chain

Synonyms: Immunoglobulin G;Immunoglobulin heavy constant gamma 1;Ig gamma 1 chain C region;IGHG1

Research Background

Immunoglobulin G (IgG), is one of the most abundant proteins in human serum with normal levels between 8-17 mg/ml in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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