

# Goat anti-Mouse IgG (Purified antibody)

Cat: SPA131

## Summary:

**【Product name】**:Goat anti-Mouse IgG

**【Type】**: Polyclonal Antibody

**【Source】**: Goat

**【Species reactivity】**: Mouse

**【Immunogen】**:Mouse IgG full length protein

**【Subtype】**:IgG

**【Calculated】**: MW:150kDa

**【Purification method】**:Affinity purification

**【Tested applications】**: ELISA WB

**【Recommended dilution】**:WB 1:1000-20000.;ELISA:1:5000-100000.

**【Product form】**:Liquid

**【Storage fluid】**: PBS with 0.03% Proclin300 (PH7.2-7.4).

**【Storage】**: Store at -20℃ at least one year (Avoid repeated freeze/thaw cycles).

## Background:

Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in 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 10<sup>11</sup> variants.