



Goat Anti-Human IgG Fcγ fragment Polyclonal Antibody (DPAB22168)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	React with the Fc portion of human IgG heavy chain but not with the Fab portion of human IgG.
Immunogen	Human IgG Fcγ fragment.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	Lot specific
Size	2 mg
Buffer	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
Preservative	None
Storage	Store at 2-8°C under sterile conditions.
Ship	Wet ice

BACKGROUND

Introduction

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.

Keywords

IgG Fc;Ig gamma 1 chain C region;Immunoglobulin heavy constant gamma 1;Immunoglobulin G;IgG;IgG heavy chain