

Catalogue No. AB0147-200

Qty: 800 µg (4 mg/ml)

Human IgG Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to human IgG. IgG is a monomeric immunoglobulin, with two heavy chains and two light chains. IgG can be found in blood and is the most abundant immunoglobulin in humans. There are 4 subclasses (IgG1 (66%), IgG2 (23%), IgG3 (7%) and IgG4 (4%)) that can bind to many types of pathogens, protecting the body against them by complement activation, opsonization for phagocytosis and neutralisation of their toxins.

Alternative names: Immunoglobulin G antibody.

Form: Polyclonal antibody supplied as a 200 µl (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Full human IgG affinity purified from serum of four normal donors tested and found negative for Hepatitis B, Hepatitis C, HIV I and II antibodies using protein G. Purity >95% by SDS-PAGE.

Specificity: Using serum samples detects the light and heavy chains by Western blot.

Reactivity: Reacts against human.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	ND	ND	ND
Rat	ND	ND	ND	ND
Mouse	ND	ND	ND	ND
canine	ND	ND	ND	ND
monkey	ND	ND	ND	ND

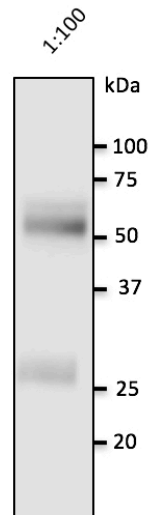
+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:2,000
 Immunofluorescence ND
 Immunohistochemistry (paraffin) ND
 Immunohistochemistry (frozen) ND

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles.

References:



Anti-IgG Ab at 1:2,500 dilution; 10 μ l of human serum per lane; Rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.