SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB3147-500	1 mg

Anti-Human IgG, Biotin

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, constituting 75% of serum immunoglobulins 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 500 µl (2 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 with Human proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND

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

Usage:

WB: 1:2,000-1:10,000

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..

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.