SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0147-200	800 µg

Anti-Human IgG

Source: Goat

General description: Goat polyclonal antibody to human IgG. Immunoglobulin G (IgG) is a monomeric antibody composed of two heavy chains and two light chains and is the most abundant immunoglobulin in blood and extracellular fluids. IgG plays an important role in immune defence by binding antigens from pathogens and contributing to complement activation, opsonization, antibody-dependent cellular cytotoxicity and neutralization of toxins and infectious agents. This antibody is raised in goat against human IgG and, when conjugated, is suitable for the detection of human IgG in applications such as WB, ELISA, IF and IHC. Goat anti-human IgG antibodies are commonly used in immunoassays for the detection, quantification or localization of human immunoglobulins in biological samples.

Alternative names: Immunoglobulin G antibody.

Form: Unconjugated 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

Specificity: Under reducing conditions, the antibody detects bands corresponding to human IgG heavy and light chains.

Reactivity: Reacts with Human proteins

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

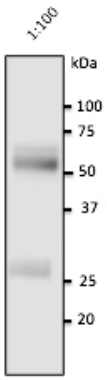
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:500-1:2,000
ELISA:	1:20,000-1:100,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..



Anti-IgG Ab at 1:2,500 dilution; 10 µl 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.