SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0029-500	1 mg

Anti-Rabbit IgG

Source: Goat

General description: Goat polyclonal antibody to rabbit 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 rabbit IgG and, when conjugated, is suitable for use as a secondary antibody for the detection of rabbit primary antibodies in applications such as WB, ELISA, IF and IHC. Goat anti-rabbit IgG antibodies are commonly used in immunoassays and imaging techniques where rabbit monoclonal or polyclonal primary antibodies are employed.

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 rabbit IgG affinity purified from rabbit serum. Purity >95% by SDS-PAGE.

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

Reactivity: Reacts with Rabbit proteins

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

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

Usage:

WB:	1:2,000-1-10,000
ELISA:	1:20,000-1-100,000

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.