SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB1097-200	600 µg

Anti-CD19

Source: Goat

General description: Goat polyclonal antibody to CD19. CD19 is a type I transmembrane glycoprotein with 2 C-type Ig domains and multiple phosphorylation sites on long cytoplasmic domain. It is a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. It is a major B lineage marker.

Alternative names: B4, Bgp95, B-lymphocyte antigen CD19, B-lymphocyte surface antigen B4, CVID3, differentiation antigen CD19, T-cell surface antigen Leu-12 antibody.

Form: ?Polyclonal antibody supplied as a 200 µl (3 mg/ml) aliquot in PBS. This Ab does not contain preservatives. Glycerol and azide FREE. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide within residues 510 aa to the C-terminus of human CD19 produced in E. coli.

Specificity: Using spleen and Jurkat cell lysates detects a 95 kDa band by Western blot. This Ab is similar to AB0097.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	ND	ND
Rat	+++	+++	+++	ND	ND
Mouse	+++	+++	+++	ND	ND
Canine	+++	+++	+++	ND	ND
Monkey	+++	+++	+++	ND	ND

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

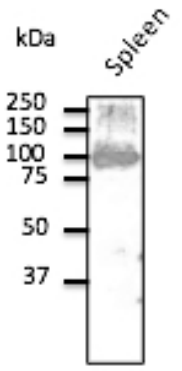
Usage:

WB: 1:500-1:2,000

IHC (F): 1:250-1:1,000
IHC (P): 1:250-1:1,000

Storage: For extended storage, store in -20 C freezer.

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



Endogenous CD19 detected with anti-CD19 Ab at 1/500 dilution; lysate at 100 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution. AB1097 Ab is similar to AB0097.

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.