

Catalogue No. AB0097-200

Qty: 600 µg (3 mg/ml)

CD19 Polyclonal Antibody

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, 20% glycerol and 0.05% sodium azide. 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 AB1097.

Reactivity: Reacts against human, rat, mouse, canine and monkey proteins.

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

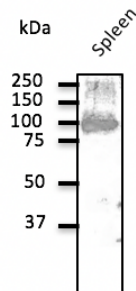
+++ excellent, ++ good, + poor, ND not determined

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:



Endogenous CD19 detected with at 1/500 dilution; lysate at 100 µg per lane and 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.