

CD19 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0280
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human CD19 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	IF, ICC, FCM, ELISA
Concentration	1 mg/ml
Full name	B-lymphocyte antigen CD19
Synonyms	CD19; B-lymphocyte antigen CD19; B-lymphocyte surface antigen B4; Differentiation antigen CD19; T-cell surface antigen Leu-12; CD antigen CD19

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation.

Recommended Dilution

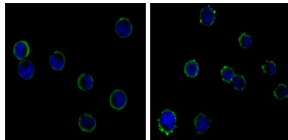
ELISA: 1:10000

FC: 1:200 - 1:400

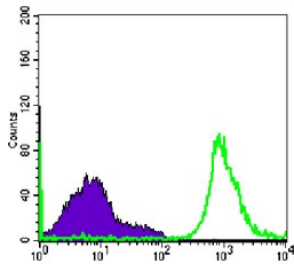
IF: 1:200 - 1:1000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HL-60(left) and K562 (right) cells using CD19 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Raji cells using CD19 Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com