

CD19 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0281
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	WB, IHC-p, IF, 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

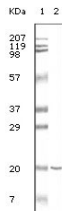
ELISA: 1:10000

IHC: 1:200 - 1:1000

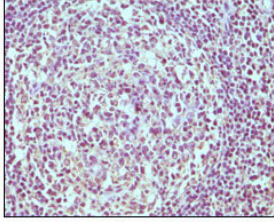
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using CD19 Monoclonal antibody against CD19 recombinant protein.



Immunohistochemistry analysis of paraffin-embedded human normal lymph node, showing cytoplasmic localization with DAB staining using CD19 Monoclonal antibody.

Storage

-20°C for one year

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