

Datasheet

CD19 monoclonal antibody (M01), clone 1G3

Catalog Number: H00000930-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CD19.

Clone Name: 1G3

Immunogen: CD19 (NP_001761, 98 a.a. ~ 187 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

QPGPPSEKAWQPGWTVNVEGSGELFRWNVSDLGGL
GCGLKNRSSEGPSSPSGKLMSPKLYVWAKDRPEIWE
GEPPCVPPRDSLNLQSLSQD

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 930

Gene Symbol: CD19

Gene Alias: B4, MGC12802

Gene Summary: 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. [provided by RefSeq]