



CD5 Mouse Monoclonal Antibody

E12-096

Catalog Number: E12-096

Amount: 100µg/100µl

Clone Number: 10G8

Background: CD5 is a cluster of differentiation found on a subset of IgM-secreting B cells called B-1 cells, and also on T cells. B-1 cells have limited diversity of their B-cell receptor due to their lack of the enzyme terminal deoxynucleotidyl transferase (TdT) and are potentially self-reactive. CD5 serves to mitigate activating signals from the BCR so that the B-1 cells can only be activated by very strong stimuli (such as bacterial proteins) and not by normal tissue proteins

Form of Antibody: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year. Do not aliquot the antibody.

Specificity/Sensitivity: CD5 Mouse Monoclonal Antibody detects endogenous CD5 proteins.

Reactivity: H, R, M

Applications: IHC: 1:200

For Research Use Only