Category:	Cat. #	Product Name:
Monoclonal Antibodies	V6021	**CD20, B-cell - Purified**

Description:
Monoclonal Mouse Anti-Human B-Cell, CD20

Immunogen:
Lymphoblastoid cell line DAUDI.

Cellular Localization:
Cell membrane

Application:
Immunofluorescence 5-20 ug/mL; Flow cytometry 1-5 ug/106 cells; Western blotting 1-5 ug/mL. Immunohistochemistry 5-20 mg/mL on frozen sections using avidin-biotin system. The optimal dilution factors should be determined by the individual laboratory.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil and Lymph Node

Epitope:
Extracellular domain.

Presentation:
50 mM Sodium phosphate, 150 mM Sodium Chloride, BSA 0.2%, and 0.05% Sodium azide, pH 8.0.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4° C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good dilutent to use with most antibodies. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:
This antibody can be used on frozen cryostat sections.

Specificity:
This antibody reacts with an antigen present on most of the B-cells. They react with a 33 kD polypeptide and a minor component of a 30 kD polypeptide present in B-cells.

Storage:
Store at 2~8o C for short term, freeze under -20oC for long term storage.

Size: 0.2 mg
Clone: B342 (B9E9)
Isotype: IgG2a
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: 33-37 kD
Concentration: 0.2 mg/ml
Units On Hand: YES

References:
1. Schlossman, S.F., ed. Leucocyte Typing V, Oxford University Press., Oxford, p511-515, 1995.
2. Bubien, J.K., et al., J.Cell Biology 121:1121-1132, 1993.
3. Kanzaki, M., et al., J. Biol. Chem. 270:13099-13104, 1995.

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