Category:	Cat. #	Product Name:
Monoclonal Antibodies	1107NF-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. This antibody was not quality controlled in flow cytometry.

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. When diluting for immunohistochemistry, ELISA or western blot, make the dilution in Antibody Diluting Buffer. 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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