



Category: Monoclonal Antibodies **Cat. #** V7111 **Product Name:** CD20, B-cell

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

Immunogen:
Human leucocytes

Application:
Immunohistochemistry 1:50-1:100. Flow Cytometry 1:150-1:300. Immunoprecipitation.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil, Spleen, Thymus

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

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 diluent to use with most antibodies.

Staining Procedure:
This antibody can be used on frozen and formalin-fixed paraffin-embedded tissue sections. When using with formalin-fixed paraffinembedded tissue sections an antigen demasking treatment is recommended. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with CD20, a 37/35kD non-glycosylated transmembrane phosphoprotein that is involved in the regulation of the activation of B-cells.

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

Size: 0.2 mg
Clone: B504 (109-3C2)
Isotype: IgG3
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Cobbold, S. et al, In Leucocyte Typing III (ed. McMichael A.J. et al), Oxford University Press, 1987.
2. Tedder, T.F. et al, J. Immunol. 141:4388, 1988/
3. Einfeld et al, EMBO J. 7:711, 1988.
4. Knapp, W. et al, Leucocyte Typing IV, Oxford University Press: 142-154 and 1080, 1989.

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