
CD20 (Clone ZR86) Rabbit Monoclonal Antibody

Specificity: Human. Does not react with cow, dog, pig, and rat. Others not known

Immunogen: Recombinant human MS4A1 protein fragment

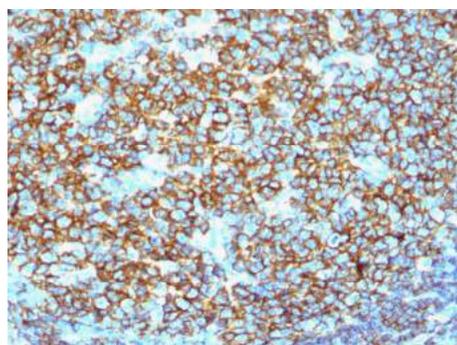
Ig Class: IgG

storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* For formalin-fixed tissues, optimal results are obtained by pretreating tissues with heat-induced epitope retrieval using high pH target retrieval solution. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:100-200. *Positive Control:* Tonsil, lymph node. *Cellular Localization:* Cell membrane/cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

Description: Recognizes a protein of 30-33kDa, which is identified as CD20. It is a non-Ig differentiation antigen of B-cells and its expression is restricted to normal and neoplastic B-cells, being absent from all other leukocytes and tissues. CD20 is expressed by pre B-cells and persists during all stages of B-cell maturation but is lost upon terminal differentiation into plasma cells. This MAb can be used for immunophenotyping of leukemia and malignant cells, B lymphocyte detection in peripheral blood and B cell localization in tissues. It reacts with the majority of B-cells present in peripheral blood and lymphoid tissues and their derived lymphomas. In lymphoid tissue, germinal center blasts and B-immunoblasts are particularly reactive. It is a reliable antibody for ascribing a B-cell phenotype in known lymphoid tissues. Rarely, CD20-positive T-cell lymphomas have been reported. Reactivity has also been noted with Reed-Sternberg cells in cases of Hodgkin's disease, particularly of lymphocyte predominant type.

Supplied As: Tissue culture supernatant with 0.2% BSA and 15mM sodium azide.



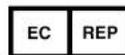
Formalin-fixed, paraffin-embedded human lymph node stained with anti-CD20 antibody using peroxidase-conjugate and DAB chromogen. Note the membrane and cytoplasmic staining of B cells in mantle and follicle

Cat. #Z2396 (1.0 ml)

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