

CD20 (ZR243)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa 197-297) of human MS4A1 protein (exact sequence is proprietary)
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: CD20 (ZR243) Rabbit Monoclonal primary antibody detects CD20 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-300. Positive Control: sample known to contain CD20 protein.

Localization: Cell surface.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Recognizes a protein of 30-33 kDa, 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, 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 engages with certain phenotypes of leukemia and malignant cells, B lymphocyte detection in peripheral blood, and B cell localization in tissues. It reacts with most 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. Assessment of CD20 is considered a reliable B-cell phenotyping in known lymphoid tissues. Rarely CD20-positive T-cell lymphomas have been reported. CD20-reactivity has also been noted with Reed-Sternberg cells in cases of Hodgkin's disease, particularly of predominant lymphocyte type.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Aguilera NS, et al. Arch Pathol Lab Med. 2006; 130:1772-9.
2. Barrionuevo C, et al. Appl Immunohistochem Mol Morphol. 2007; 15:38-44.
3. Bovenschen HJ, et al. Br J Dermatol. 2005; 153:72-8.

REF Z2717RL/ Z2717RS/ Z2717RT/ Z2717RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




605 E. Huntington Dr.,
Suite 204
Monrovia, CA 91016
Tel: (626) 355-2053
<http://www.zeta-corp.com>

RUO
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use only)

LOT
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