



Rabbit Anti-Human CD19 Monoclonal Antibody, clone CQ7157 (CABT-Z217R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Immunogen | Synthetic peptide corresponding to CD19 residues within aa456-556 of CD19 was used as an immunogen. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | CQ7157 |
| Purification | ProA affinity purified IgG. |
| Conjugate | Unconjugated |
| Applications | IHC-P Recommended concentration: IHC-P: 1:100-1:200 |
| Molecular Weight | 61 kDa |
| Cellular Localization | Membrane |
| Positive Control | Tonsil |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 100 µl |

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| Buffer | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%. |
| Preservative | 0.01% Sodium azide |
| Storage | Store at -20 °C. Avoid freeze/thaw cycles. |
| Ship | Wet ice |

BACKGROUND

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| Introduction | The human CD19 antigen is a transmembrane glycoprotein belonging to the immunoglobulin (Ig) superfamily, which initiates a series of biological responses that are likely to be of central importance to B-cell signaling and/or growth regulation and the development of a humoral immune response. CD19 is specifically expressed in normal and neoplastic B cells, as well as follicular dendritic cells. In normal tissues, it is expressed from pre-B cells until the terminal differentiation to plasma cells. And in tumors, its expression is highly conserved on most B cell tumors. It is expressed in most acute lymphoblastic leukemias (ALL), chronic lymphocytic leukemias (CLL) and B cell lymphomas. CD19 is one of the most reliable surface biomarker for B cells and the CD19 monoclonal antibodies have been explored for lymphoma therapy. |
| Keywords | CD19; CD19 antigen; AW495831; B-lymphocyte antigen CD19; differentiation antigen CD19 |

GENE INFORMATION

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| Gene Name | CD19 |
| Entrez Gene ID | 930 |
| UniProt ID | P15391 |