



# 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

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

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

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	CD19; CD19 antigen; AW495831; B-lymphocyte antigen CD19; differentiation antigen CD19

## GENE INFORMATION

<b>Gene Name</b>	CD19
<b>Entrez Gene ID</b>	<a href="#">930</a>
<b>UniProt ID</b>	<a href="#">P15391</a>