



Rabbit Anti-Human CD34 Monoclonal Antibody, clone CQ7158 (CABT-Z218R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD34 residues within aa285-385 of CD34 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7158
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	41 kDa
Cellular Localization	Membrane
Positive Control	Kidney
Format	Liquid
Concentration	Lot specific
Size	100 µl

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

Introduction	<p>CD23 antigen is a transmembrane glycoprotein by various hematopoietic cell types and functions as a low-affinity receptor for IgE. CD23 is involved in regulating IgE production and has other potential biologic functions, including promoting the survival of germinal center B lymphocytes.</p> <p>CD23 is found in some mature B-cell lymphomas and in Reed-Sternberg cells in Hodgkin disease. Follicular dendritic cells and some activated B-cells within germinal centers express CD23 in high density and mantle zone B-cells are stained weakly. The majority of chronic lymphocytic leukemias/small lymphocytic lymphomas are CD23 positive, whereas mantle cell lymphomas are generally negative.</p> <p>CD23 has been shown to be useful for the differentiation of small lymphocytic lymphomas and mantle cell lymphoma.</p>
Keywords	CD34; hematopoietic progenitor cell antigen CD34; CD34 antigen; hematopoietic progenitor cell marker CD34

GENE INFORMATION

Gene Name	CD34
Entrez Gene ID	947
UniProt ID	P28906