



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	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. 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. CD23 has been shown to be useful for the differentiation of small lymphocytic lymphomas and mantle cell lymphoma.
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