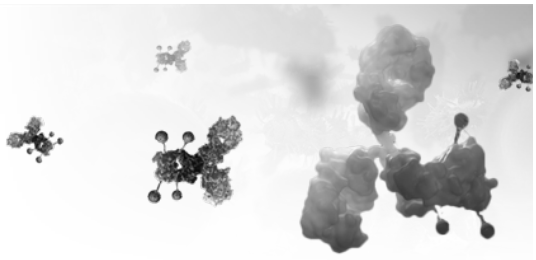

Rabbit Anti-Human FCER2 Monoclonal Antibody, clone CQ7150 (CABT-Z220R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD23 residues within aa221-321 of CD23 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7150
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	36 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

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	FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2; low affinity immunoglobulin epsilon Fc receptor; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J

GENE INFORMATION

Gene Name	FCER2
Entrez Gene ID	2208
UniProt ID	P06734

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