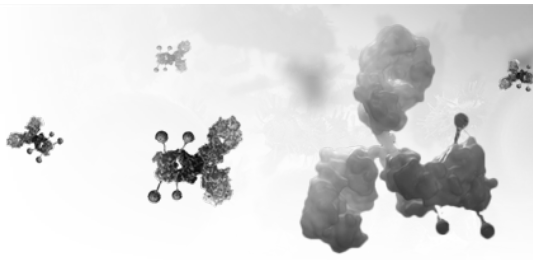

Rabbit Anti-Human CR2 Monoclonal Antibody, clone CQ7126 (CABT-Z191R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to CD21 residues within aa933-C terminal of CD21 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7126
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	113 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	CD21 also known as complement C3d receptor, Epstein-Barr virus receptor, and complement receptor type 2 (CR2), is a protein that in humans is encoded by the CR2 gene. This protein is involved in the complement system. It binds to iC3b (inactive derivative of C3b), C3dg, or C3d. B cells have CR2 receptors on their surfaces, allowing the complement system to play a role in Bcell activation and maturation.It is expressed by follicular dendritic cells (FDC) and mature B cells, as well as by several types of epithelial cells. CD21 is useful in the identification of follicular dendritic cell matrix found in normal lymph node and tonsillar tissue, and also useful in identifying abnormal.
Keywords	CR2; complement component (3d/Epstein Barr virus) receptor 2; CR; C3DR; CD21; CVID7; SLEB9; complement receptor type 2; EBV receptor; complement C3d receptor

GENE INFORMATION

Gene Name	CR2
Entrez Gene ID	1380
UniProt ID	P20023

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