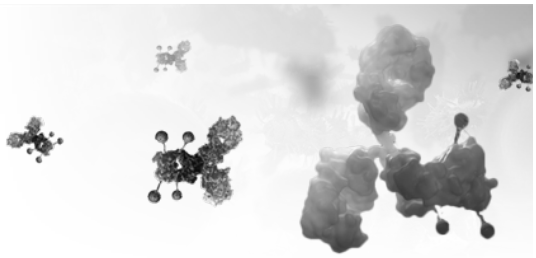

Anti-CR2 monoclonal antibody, clone Bu32 [FITC] (CABT-45731MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD21 antibody, clone Bu32 recognizes human CD21, a 145kD cell surface glycoprotein expressed by mature B lymphocytes, follicular dendritic cells, subsets of normal thymocytes and subsets of T cells. The CD21 molecule acts as a receptor for complement components C3d, C3dg and iC3b, as well as for Epstein Barr Virus. CD21 is part of the signalling complex that is linked to CD19, CD81 and phosphatidylinositol-3-kinase. The Bu32 antibody is reported to significantly inhibit the binding of CD21 to CD23. Flow Cytometry Use 10ul of the suggested working dilution to label 1x106 cells in 100ul.
Specificity	CR2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Bu32
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we

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recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CR2 complement component (3d/Epstein Barr virus) receptor 2 [Homo sapiens (human)]
Official Symbol	CR2
Synonyms	CR2; complement component (3d/Epstein Barr virus) receptor 2; CR; C3DR; CD21; CVID7; SLEB9; complement receptor type 2; EBV receptor; complement C3d receptor;
Entrez Gene ID	1380
Protein Refseq	NP_001006659
UniProt ID	P20023
Chromosome Location	1q32
Pathway	B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Complement and Coagulation Cascades; Complement and coagulation cascades; Epstein-Barr virus infection; Hematopoietic cell lineage;
Function	DNA binding; complement binding; complement receptor activity; protein homodimerization activity; transmembrane signaling receptor activity;

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