

Datasheet for ABIN962069

anti-CD21 antibody

2 Images



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Overview

Quantity:	50 µg
Target:	CD21 (CR2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD21 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Human lymphocytes Type of Immunogen: Cells
Clone:	Bu32
Isotype:	IgG1
Specificity:	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.

Product Details

Purification: Protein G purified

Target Details

Target: CD21 (CR2)

Alternative Name: CR2 / CD21 ([CR2 Products](#))

Background: Name/Gene ID: CR2

Synonyms: CR2, C3DR, CD21 antigen, CVID7, Complement receptors type 2, CD21, Complement C3d receptor, EBV receptor, SLEB9, Complement receptor type 2, CR, Epstein-Barr virus receptor

Gene ID: 1380

UniProt: [P20023](#)

Pathways: [Complement System](#)

Application Details

Application Notes: Approved: Flo (1:50 - 1:200), IHC, IHC-P (10 µg/mL), IP

Usage: Flow Cytometry: Use 10 µL of the suggested working dilution to label 1x10⁶ cells in 100 µL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide.

Preservative: Sodium azide

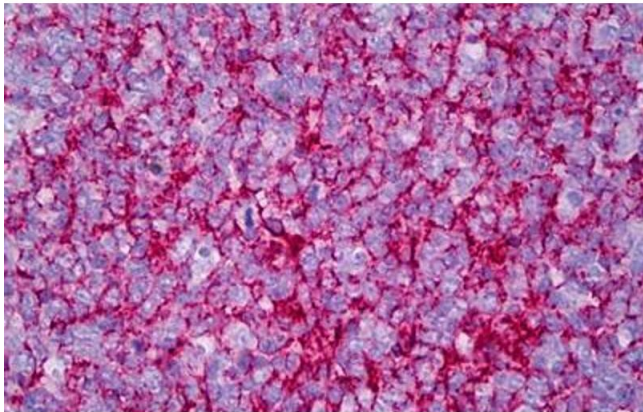
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: avoid freeze thaw cycles.

Handling

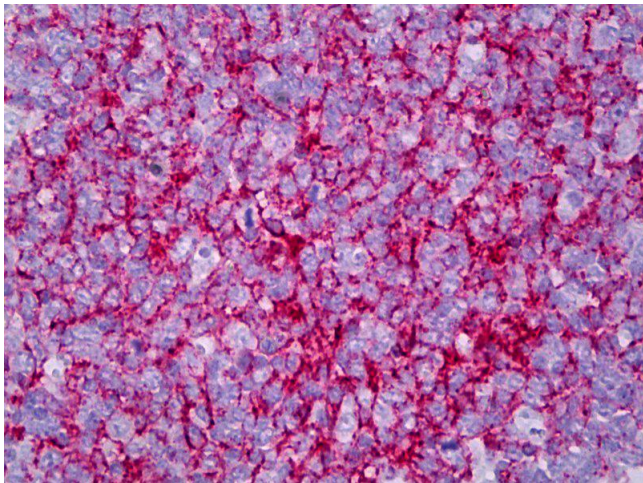
Storage:	4 °C,-20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-CR2 / CD21 antibody IHC staining of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN962069 concentration 10 ug/ml.



Immunohistochemistry

Image 2. Anti-CR2 / CD21 antibody IHC of human tonsil, germinal center. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.