

ARG43874 anti-CD21 antibody [LT21] (APC-Cyanine 7)

Package: 100 tests
Store at: 4°C

Summary

Product Description	APC-Cyanine 7-conjugated Mouse Monoclonal antibody recognize CD21.
Tested Reactivity	Hu
Predict Reactivity	Cow, Dog, Pig
Tested Application	FACS
Host	Mouse
Clonality	Monoclonal
Clone	LT21
Isotype	IgG1
Target Name	CD21
Species	Human
Immunogen	IM9 cell line
Conjugation	APC-Cyanine 7
Alternate Names	Cr2; Complement C3d receptor; C3DR; CD21; CD antigen CD21; Complement receptor type 2; SLEB9; CR; CVID7; Epstein-Barr virus receptor; EBV receptor

Application Instructions

Application table	Application	Dilution
	FACS	4 µl / 100 µl or 4 µl / 10 ⁶ cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

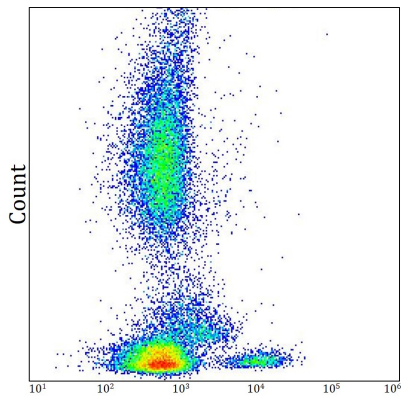
Form	Liquid
Purification	Purified
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 4°C. Keep protected from prolonged exposure to light. Do not freeze. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	CR2
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Gene Full Name	complement component (3d/Epstein Barr virus) receptor 2
Background	This gene encodes a membrane protein, which functions as a receptor for Epstein-Barr virus (EBV) binding on B and T lymphocytes. Genetic variations in this gene are associated with susceptibility to systemic lupus erythematosus type 9 (SLEB9). Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]
Function	Receptor for complement C3Dd, for the Epstein-Barr virus on human B-cells and T-cells and for HNRPU. Participates in B lymphocytes activation. [UniProt]
Calculated Mw	113 kDa

Images



ARG43874 anti-CD21 antibody [LT21] (APC-Cyanine 7) FACS image

Flow Cytometry: Human whole blood stained with ARG43874 anti-CD21 antibody [LT21] (APC-Cyanine 7) at 1:25 dilution.