

ARG20877 anti-CD23 antibody [2G8] (APC)

Package: 50 μg Store at: 4°C

Summary

Product DescriptionAPC-conjugated Rat Monoclonal antibody [2G8] recognizes CD23Tested ReactivityMsTested ApplicationFACS, IHC-FrSpecificityMouse CD23.HostRatClonalityMonoclonalOlonalityG8IsotypeIg62a, kappaTarget NameCD23SpecificityMouseImmunogenNece Scale of CD1 (Sec Scale of CD2) (Sec		
Tested ApplicationFACS, IHC-FrSpecificityMouse CD23.HostRatClonalityMonoclonalClonalSaStorpeIg62, kappaIsotypeOD3SpeciesMouse CD21 (Implementation of the Same Same Same Same Same Same Same Sam	Product Description	APC-conjugated Rat Monoclonal antibody [2G8] recognizes CD23
SpecificityMouse CD23.HostRatClonalityMonoclonalClone268IsotypeIg62a, kappaTarget NameCD3SpeciesMouseImmunogenFcR isolated from B cell lymphoma cell line M12.4.5ConjugationD233, BLAST-2; Lymphocyte IgE receptor; CLEC43; Immunogelobulin epsilon F.creeptor; CLES43; I	Tested Reactivity	Ms
HostRatClonalityMonoclonalClone268IsotypeIgG2a, kappaTarget NameCD23SpeciesMouseImmunogenFcR isolated from B cell lymphoma cell line M12.4.5ConjugationD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunogelobulin epsilon FC, receptor; C-type Jectin	Tested Application	FACS, IHC-Fr
ClonalityMonoclonalClone263IsotypeIg62a, kappaTarget NameCD23SpeciesMouseImmunogenFcR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD33, BLAST-2; Lymphocyte Jgerceptor; CLEGAJ; Immunogelobulin epsilon F, Creypel ecting	Specificity	Mouse CD23.
Clone268IsotypeIg62a, kappaTarget NameCD23SpeciesMouseImmunogenFcR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD33, BLAST-2; Lymphocyte gE receptor; CLEC4J; Immunogelobulin epsilon F, receptor; C-typpe lecting	Host	Rat
IsotypeIgG2a, kappaTarget NameCD23SpeciesMouseImmunogenFceR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD23A; BLAST-2; Lymphocyte JgE receptor; CLEC4J; Immunogelobulin epsilon Fc receptor; C-type lectin	Clonality	Monoclonal
Target NameCD23SpeciesMouseImmunogenFccR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc- epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Clone	2G8
SpeciesMouseImmunogenFccR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc- epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Isotype	IgG2a, kappa
ImmunogenFccR isolated from B cell lymphoma cell line M12.4.5ConjugationAPCAlternate NamesCD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc- epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Target Name	CD23
Conjugation APC Alternate Names CD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc-epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Species	Mouse
Alternate NamesCD23A; BLAST-2; Lymphocyte IgE receptor; CLEC4J; Immunoglobulin E-binding factor; CD23; IGEBF; Fc- epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Immunogen	FccR isolated from B cell lymphoma cell line M12.4.5
epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin	Conjugation	APC
	Alternate Names	epsilon-RII; CD antigen CD23; FCE2; Low affinity immunoglobulin epsilon Fc receptor; C-type lectin

Application Instructions

Application table	Application	Dilution
	FACS	< 0.1 µg/10^6 cells
	IHC-Fr	Assay-dependent
Application Note	* The dilutions indicate recomm should be determined by the sci	ended starting dilutions and the optimal dilutions or concentrations entist.

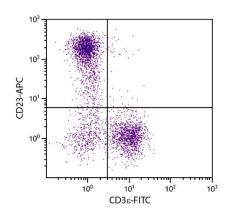
Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	FCER2
Gene Full Name	Fc receptor, IgE, low affinity II, alpha polypeptide
Background	The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]
Function	Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen). [UniProt]
Calculated Mw	36 kDa
PTM	N- and O-glycosylated. The secreted form sCD23 is produced by ADAM10-mediated ectodomain shedding.

Images



ARG20877 anti-CD23 antibody [2G8] (APC) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG20877 anti-CD23 antibody [2G8] (APC) and <u>ARG20817</u> anti-CD3e antibody [C363.29B] (FITC).