

ARG21209 anti-beta 2 Microglobulin antibody [F21-21] (FITC)

Package: 100 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Mouse Monoclonal antibody [F21-21] recognizes beta 2 Microglobulin
Tested Reactivity	Chk, Turkey
Tested Application	FACS, ICC/IF, WB
Specificity	Chicken/Turkey β2-Microglobulin. The clone F21-21 also reacts with turkey β2-microglobulin.
Host	Mouse
Clonality	Monoclonal
Clone	F21-21
Isotype	IgG1, kappa
Target Name	beta 2 Microglobulin
Species	Chicken
Immunogen	Affinity purified chicken MHC-I molecules
Conjugation	FITC
Alternate Names	Beta-2-microglobulin

Application Instructions

Application table	Application	Dilution
	FACS	< 1 µg/10 ⁶ cells
	ICC/IF	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

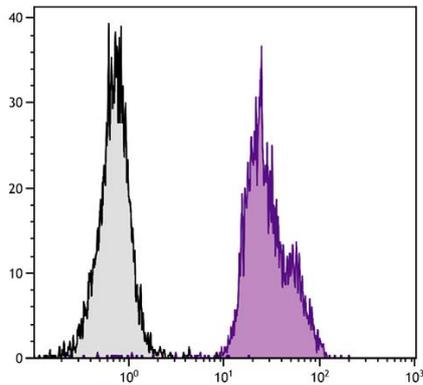
Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	B2M
Gene Full Name	beta-2-microglobulin
Background	This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.[provided by RefSeq, Aug 2014]
Function	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. [UniProt]
Calculated Mw	14 kDa
PTM	Glycation of Ile-21 is observed in long-term hemodialysis patients.

Images



ARG21209 anti-beta 2 Microglobulin antibody [F21-21] (FITC) FACS image

Flow Cytometry: Chicken peripheral blood lymphocytes stained with ARG21209 anti-beta 2 Microglobulin antibody [F21-21] (FITC).