Datasheet for ABIN2145334

Mouse IgG1 isotype control (APC)

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Overview

Quantity:	100 tests
Target:	IgG1
Host:	Mouse
Conjugate:	APC
Application:	Flow Cytometry (FACS), Isotype Control (IsoC), Immunofluorescence (IF)

Product Details

Isotype:	IgG1
Characteristics:	This antibody can be used as a mouse IgG1 isotype control in flow cytometry and other applications.

Target Details

Target:	IgG1
Abstract:	IgG1 Products
Target Type:	Antibody

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Assay Procedure:	• Take 100 µL peripheral blood anticoagulated by EDTA and add to the bottom of 5 mLtube, • Add 20 µL labeled antibody to the bottom of flow tube mixing with the whole blood, incubate for 20 minutes at room temperature away from light,

Application Details

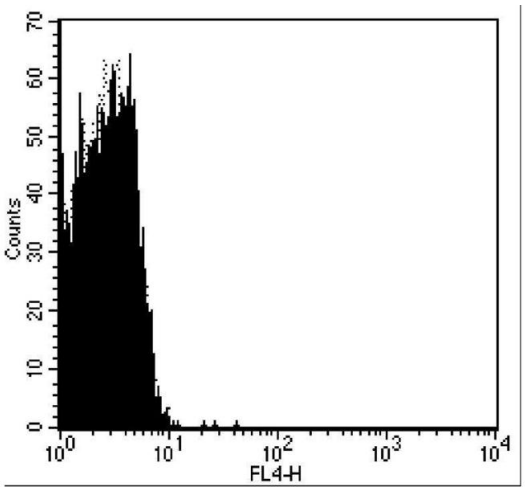
	• Add 2 ml1×RBC lysis buffer, incubate for 10 minutes away from light after mixing, dissolve red blood cells (recommended: RBC lysing Solution 10×,Cat.: FXP001), • Sample tube is set to 1000 rpm centrifugation for 5 minutes, discard the supernatant, • Add 2 mLPBS wash buffer to resuspend the cells, then1000 rpm centrifugation for 5 minutes, discard the supernatant, • Add 0.5 mLPBS wash buffer to resuspend the cells and detect by flow cytometry (sample should be determined on the day on the machine and can also be added fixation overnight at 4 °C then measured). • [PBS wash buffer: PBS +1 % FBS +0.1 % NaN3, Cat.: FXP005] • [Cell fixation: 2 % formaldehyde solution]
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Phosphate-buffered solution, pH 7.4, containing and 0.2 % (w/v) BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C

Publications

Product cited in:	Krešić, Prišlin, Vlahović, Kostešić, Ljolje, Brnić, Turk, Musulin, Habrun: "The Expression Pattern of Surface Markers in Canine Adipose-Derived Mesenchymal Stem Cells." in: **International journal of molecular sciences**, Vol. 22, Issue 14, (2021) (PubMed).



Flow Cytometry

Image 1.

