Datasheet for ABIN1112412

anti-CD300E antibody (PerCP)

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Overview

Quantity:	100 tests
Target:	CD300E
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD300E antibody is conjugated to PerCP
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Clone:	UP-H2
Isotype:	IgG2a
Characteristics:	Monoclonal Mouse Anti-Human IREM-2 is recommended for use in flow cytometry for identification of mature hematopoietic cells of the monocytic and myeloid dendritic cell lineages. This marker is specifically present on monocytic cell subset..

Target Details

Target:	CD300E
Alternative Name:	IREM-2 (CD300E Products)
Background:	The anti-Irem-2 is specific for monocytes and myeloid dendritic cells lineages. normal peripheral blood should be positive for at least 80% of monocytes. The antibody can be used to classify the different types of myeloid leukaemias, especially those with monocytic component.

Application Details

Application Notes:	It is recommended for use in flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 20 µl/10^6 cells.
Comment:	Peridin-cholophyll-protein complex (Prozyme).
Sample Collection:	1. Transfer 100 µl of anticoagulated (EDTA) blood to a 12 x 75 mm polystyrene test tube (10 P6 P cells). 2. Add 20 µl of anti- IREM-2 PE and mix gently with a vortex mixer. The 20 µl is a guideline only, the optimal volume should be determined by the individual laboratory. 3. The recommended negative control is a non-reactive PE-conjugated antibody of the same isotype. 4. Incubate in the dark at room temperature at 4°C for 30 minutes or at room temperature (20-25 °C) for 15 minutes. 5. Add 1,5 ml of Lysing Solution to each sample and mix gently with a vortex mixer. Incubate for 10 minutes at room temperature in the dark. 6. Centrifuge at 1000 x g for 5 minutes. Gently aspirate the supernatant and discard it leaving approximately 50 µl of fluid. 7. Add 2 ml 0.01 mol/l PBS (It betters that it containing 2% bovine serum albumin) and resuspend the cells by using a vortex mixer. 8. Centrifuge at 1000 x g for 5 minutes. Gently aspirate the supernatant and discard it leaving approximately 50 µl of fluid. 9. Resuspend pellet in an appropriate fluid for flow cytometry, e.g. 0.3 ml PBS. The PBS should contain 1% paraformaldehyde (fixative) if samples are not analysed the same day. 10. Analyse on a flow cytometer or store at 2-8 °C in the dark until analysis. Samples can be run up to 24 hours after lysis.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The conjugate is provided in liquid form in buffer containing Antibody Stabilizer solution, PBS 10 mM and 0,09% Sodium azide, pH 7,4.
Preservative:	Sodium azide
Precaution of Use:	1. The device is not intended for clinical use including diagnosis, prognosis, and monitoring of a disease state, and it must not be used in conjunction with patient records or treatment. 2. This product contains Sodium azide (NaN3), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, Sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing. 3. As with any product derived from biological sources, proper handling procedures should be used.

Handling

Storage:	4 °C

Images

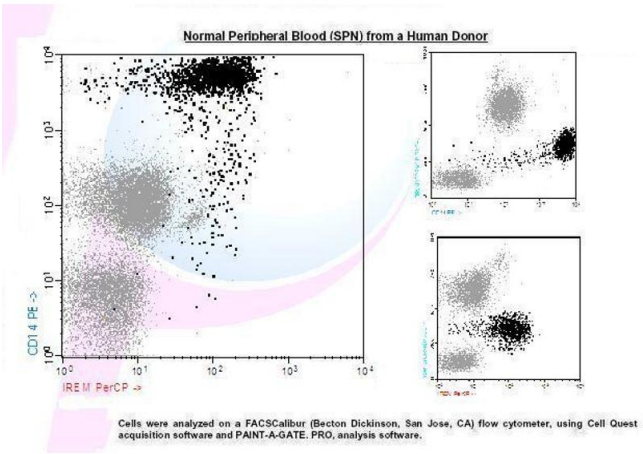

Image 1.

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