Datasheet for ABIN1112096

anti-CD235a/GYPA antibody (FITC)

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Overview

Quantity:	100 tests
Target:	CD235a/GYPA (GYPA)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD235a/GYPA antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Clone:	HI264
Isotype:	IgG2a
Characteristics:	Monoclonal Mouse Anti-Human CD235a FITC is recommended for use in flow cytometry.

Target Details

Target:	CD235a/GYPA (GYPA)
Alternative Name:	CD235a (GYPA Products)
Pathways:	Maintenance of Protein Location

Application Details

Application Notes:	It is recommended for use in flow cytometry. This reagent is effective for direct

Application Details

	immunofluorescence staining of human tissue for flow cytometric analysis using 20 µl/10^6 cells.
Comment:	Fluorescein isothiocyanate (Molecular Probes) Anti-CD235a HI264 was included in the Seventh International Workshops on Human Leucocyte Differentiation Antigens.
Sample Collection:	1. Transfer 5 µl of anticoagulated (EDTA) blood to a 12 x 75 mm polystyrene test tube (10^6 cells). 2. Add 95 µl of PBS (It better that it containing 2% bovine serum albumin) without Fixative mix gently with a vortex mixer. 3. Add 20 µl of CD235a FITC and mix gently with a vortex mixer. The 20 µl is a guideline only, the optimal volume should be determined by the individual laboratory. 4. The recommended negative control is a non-reactive FITC-conjugated antibody of the same isotype. 5. Incubate in the dark at room temperature at 4°C for 30 minutes or at room temperature (20-25 °C) for 15 minutes. 6. Add 0, 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. 7. Analyse on a flow cytometer, and the readings of the cytometer are recorded, bearing in the mind that the FSC and SSC light dispersion parameters must be on a logarithmic scale.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The conjugate is provided in liquid form in buffer containing 1% bovine serum albumin (BSA) and 0,09% Sodium azide, pH 7.2.
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.
Storage:	4 °C

Publications

Product cited in:	San Miguel, Martínez, Macedo, Vidriales, López-Berges, González, Caballero, García-Marcos,

Ramos, Fernández-Calvo, Calmuntia, Diaz-Mediavilla, Orfao: "Immunophenotyping investigation of minimal residual disease is a useful approach for predicting relapse in acute myeloid leukemia patients." in: **Blood**, Vol. 90, Issue 6, pp. 2465-70, (1997) (PubMed).