

CD38 antibody [HIT2] (PE)

Cat. No. GTX80118

| | |
|---------------------|------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | FCM |
| Reactivity | Human |

Package
100 test

PRODUCT

Summary

The HIT2 antibody is specific for human CD38, a 45 kD type II transmembrane glycoprotein expressed on thymocytes, activated T and B cells, and monocytes as well as other non-hematopoietic cells. CD38 is an ectoenzyme that functions to catalyze the synthesis and hydrolysis of cyclic ADP-ribose and is involved in cell signaling, regulating cell adhesion, and activation. Additionally, CD38 has been shown to be a prognostic marker for some leukemias and other diseases.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Recommended dilution

| | |
|-----|--|
| FCM | 0.5 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test |
|-----|--|

Not tested in other applications.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | 10mM NaH ₂ PO ₄ , 150mM NaCl, 0.1% Gelatin |
| Preservative | 0.09% Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light. |
| Concentration | 0.1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Human thymocytes in foetus |
| Purification | Purified by affinity chromatography From tissue culture supernatant |
| Conjugation | Phycoerythrin (PE) Wavelength |

Note

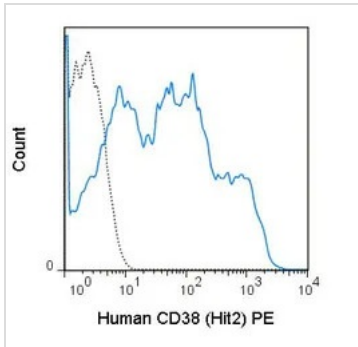
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DATA IMAGES

**GTX80118 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX80118 CD38 antibody [HIT2] (PE).

Solid line : Primary antibody

Dashed line : PE mouse IgG1 isotype control

Antibody amount : 0.5 μ g



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