

CD38 antibody [HIT2] (APC)

Cat. No. GTX80117

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	0.25 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test
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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	0.05 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	Allophycocyanin (APC) Wavelength

Note

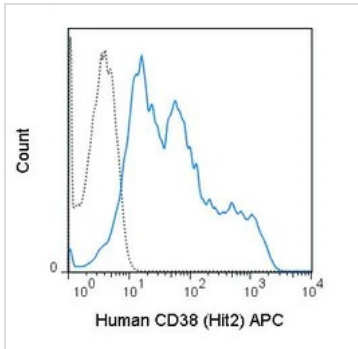
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DATA IMAGES

**GTX80117 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX80117 CD38 antibody [HIT2] (APC).

Solid line : Primary antibody

Dashed line : APC mouse IgG1 isotype control

Antibody amount : 0.25 μ g



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