

## CD38 antibody [HIT2] (FITC)

**Cat. No. GTX78364**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	FCM
<b>Reactivity</b>	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 <sup>5</sup> -10 <sup>8</sup> cells in 100 µl sample per test
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Not tested in other applications.

## Properties

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

**Note**

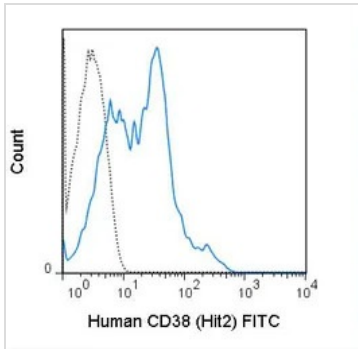
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## DATA IMAGES

**GTX78364 FCM Image**

FACS analysis of human peripheral blood lymphocytes using GTX78364 CD38 antibody [HIT2] (FITC).

Solid line : Primary antibody

Dashed line : FITC mouse IgG1 isotype control

Antibody amount : 0.5  $\mu$ g



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