

## CD38 antibody [HIT2] (APC)

**Cat. No. GTX80117**

<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	0.25 µg (5 µl) for 10 <sup>5</sup> -10 <sup>8</sup> cells in 100 µl sample per test

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>	0.05 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>	Allophycocyanin (APC) <a href="#">Wavelength</a>

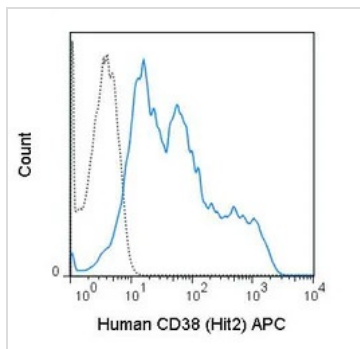
#### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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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 µg



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