

CD80 antibody [2D10.4] (APC)

Cat. No. GTX01487-07

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	FCM
Reactivity	Human, Rhesus Monkey

References (3)
 Package
 100 test

PRODUCT

Summary

The 2D10.4 antibody reacts with human CD80, a 60 kDa glycoprotein that is a member of the Ig superfamily. CD80, also known as B7-1, is a ligand for the T cell receptors CD28 and CTLA-4 (CD152). Along with CD86, CD80 plays a major role in regulating the activation of T cells. CD80 is expressed by activated antigen presenting cells including B cells, macrophages, and dendritic cells. Activated T cells have also been reported to express CD80.

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
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Not tested in other applications.

Properties

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

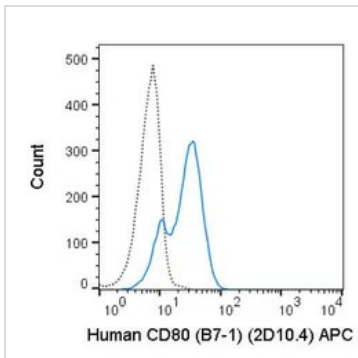
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DATA IMAGES

**GTX01487-07 FCM Image**

FACS analysis of Daudi cells using GTX01487-07 CD80 antibody [2D10.4] (APC).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.5 μ g (5 μ l)



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