CD20 antibody [2H7] (PE)

Cat. No. GTX00466-08

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	FCM
Reactivity	Human, Baboon, Chimpanzee, Cynomolgus monkey, Pig-tailed macaque, Rhesus Monkey, Squirrel monkey, Capuchin monkey

References (1)
Package
100 test

PRODUCT

Summary

The 2H7 antibody reacts with human CD20, expressed by pre-B cells, resting and activated B cells, follicular dendritic cells and a small subset of T cells, but not on plasma cells. CD20 is a 33-37 kDa transmembrane protein which is differentially phosphorylated in resting and active B cells. The CD20 molecule plays a role in regulating B-cell activation.

Applications

Application Note

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

Suggested dilution	Recommended dilution
FCM	0.06 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_2PO_4, 150mM NaCl, 0.1% Gelatin
Preservative	0.09% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. DO NOT FREEZE. Protect from light.
Concentration	0.012 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Human tonsillar B cells
Purification	Purified by affinity chromatography From tissue culture supernatant
Conjugation	Phycoerythrin (PE) Wavelength
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.

For full product information, images and publications, please visit our website.

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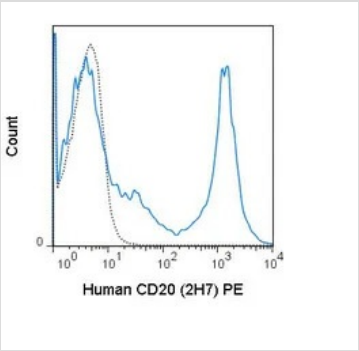
DATA IMAGES



GTX00466-08 FCM Image

FACS analysis of human peripheral blood lymphocytes using GTX00466-08 CD20 antibody [2H7] (PE).
Solid line : Primary antibody
Dashed line : PE mouse IgG2b isotype control
Antibody amount : 0.06 µg

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