

CD20 antibody [2H7] (PE)

Cat. No. GTX00466-08

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

Reference (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.

APPLICATION

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|---|
| FACS | 0.06 µg (5 µl) for 10 ⁵ -10 ⁸ cells in 100 µl sample per test |

Not tested in other applications.

Calculated MW 33 kDa. ([Note](#))

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 | 0.012 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) |

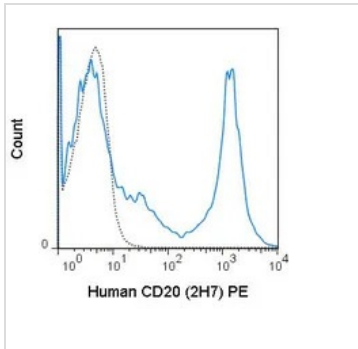


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Note

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DATA IMAGES

GTX00466-08 FACS 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 μ g



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