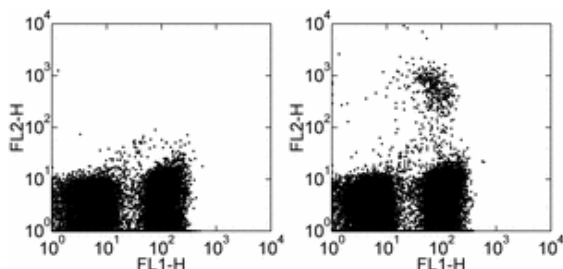


## Anti-Rat gamma delta TCR PE

Catalog Number: 12-5810

Also Known As: gd TCR, gdTCR, TCRgd

RUO: For Research Use Only



Staining of rat splenocytes with Anti-Rat CD5 FITC (cat. 11-0050) and 0.06 µg of Mouse IgG1 κ Isotype Control PE (cat. 12-4714) (left) or 0.06 µg of Anti-Rat γδ TCR PE (right). Total viable cells were used for analysis.

### Product Information

Contents: Anti-Rat gamma delta TCR PE


**REF** Catalog Number: 12-5810

Clone: V65

Concentration: 0.2 mg/ml


Host/Isotype: Mouse IgG1

Formulation: Phosphate buffer pH 7.2,  
150 mM NaCl, 0.09% NaN<sub>3</sub>

 Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

**LOT** Batch Code: Refer to Vial

 Use By: Refer to Vial

 Caution, contains Azide

### Description

The V65 monoclonal antibody reacts with the γδ chain of rat TCR. γδ TCR is expressed by dendritic epidermal T cells. Cross-linking of the TCR complex with V65 induces cytokine-dependent T cell stimulation.

### Applications Reported

For research use only, not for diagnostic or therapeutic use. The V65 antibody has been reported for use in flow cytometric analysis.

### Applications Tested

The V65 antibody has been tested by flow cytometric analysis of rat splenocyte and lymph node cell suspensions. This can be used at less than or equal to 0.125 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

### References

Pelegri, C., P. Kuhnlein, E. Buchner, C.B. Schmidt, A. Franch, M. Castell, T. Hunig, F. Emmrich, R.W. Kinne. (1996). "Depletion of g/d T cells does not prevent or ameliorate, but rather aggravates, rat adjuvant arthritis." *Arthritis Rheum.* 39:204-15.

Kuhnlein, P., J.H. Park, T. Herrmann, A. Elbe, T. Hunig. (1994). "Identification and characterization of rat g/d T lymphocytes in peripheral lymphoid organs, small intestine, and skin with monoclonal antibody to a constant determinant of the g/d T cell receptor." *J Immunol.* 153: 979-86.

### Related Products

12-4714 Mouse IgG1 K Isotype Control PE

Not for further distribution without written consent.

Copyright © 2000-2010 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • [www.eBioscience.com](http://www.eBioscience.com) • [info@eBioscience.com](mailto:info@eBioscience.com)