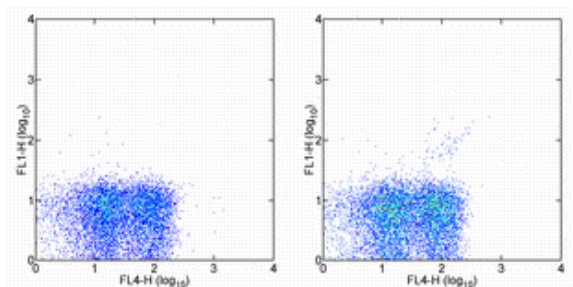


## Anti-Mouse gamma delta TCR Purified

**Catalog Number:** 14-5711

**RUO: For Research Use Only. Not for use in diagnostic procedures.**



Staining of C57BL/6 lymph node cells with Anti-Mouse CD3 APC-Cy7 and 0.25 ug of Armenian Hamster IgG Isotype Control Purified (cat. 14-4888) (left) or 0.25 ug of Anti-Mouse gamma delta TCR Purified (right) followed by Anti-Armenian Hamster IgG FITC (cat. 11-4111). Cells in the lymphocyte gate were used for analysis.

### Product Information

**Contents:** Anti-Mouse gamma delta TCR Purified

**REF** **Catalog Number:** 14-5711

**Clone:** eBioGL3 (GL-3, GL3)

**Concentration:** 0.5 mg/mL

**Host/Isotype:** Armenian Hamster IgG

**Formulation:** aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



**Temperature Limitation:** Store at 2-8°C.



**Batch Code:** Refer to Vial



**Use By:** Refer to Vial



**Caution, contains Azide**

### Description

The GL3 monoclonal antibody reacts with the gamma delta T-cell Receptor complex (TCR) on all gamma delta TCR bearing T cells, but it does not react with alpha beta TCR. The gamma delta TCR is present on cells in the thymus, epidermis, epithelial lining of the intestine, peritoneal cavity, and lymphoid tissues.

### Applications Reported

This GL3 (GL-3) antibody has been reported for use in flow cytometric analysis, and immunoprecipitation.

### Applications Tested

This GL3 (GL-3) antibody has been tested by flow cytometric analysis of mouse lymph node cells. This can be used at less than or equal to 0.25 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

Maloy KJ, Mowat AM, Zamoyska R, Crispe IN. Phenotypic heterogeneity of intraepithelial T lymphocytes from mouse small intestine. *Immunology*. 1991 Apr;72(4):555-62.

LeFrançois, L. Phenotypic complexity of intraepithelial lymphocytes of the small intestine. *J Immunol*. 1991 Sep 15;147(6):1746-51.

Allison JP, Raulet DH. The immunobiology of gamma delta+ T cells. *Semin Immunol*. 1990 Jan;2(1):59-65.

### Related Products

11-4111 Anti-Armenian Hamster IgG FITC

14-4888 Armenian Hamster IgG Isotype Control Purified (eBio299Arm)

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