

TCR gamma/delta Monoclonal Antibody (eBioGL3 (GL-3, GL3)), APC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Armenian hamster / IgG
Recommended Isotype Control	Armenian Hamster IgG Isotype Control (eBio299Arm), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioGL3 (GL-3, GL3)
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_842756

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	39 Publications

Product Specific Information

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.

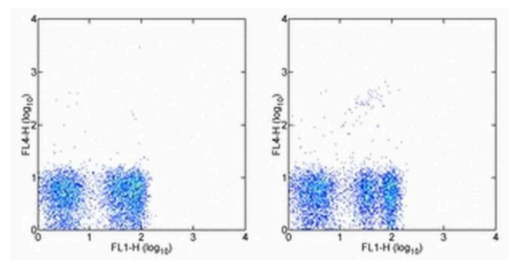
It is recommended to prestain cells with anti-mouse CD16/32 (cat. 14-0161) to prevent non-specific Fc-mediated binding of the GL3 monoclonal antibody.

Applications Tested: This eBioGL3 (GL-3, GL3) antibody has been tested by flow cytometric analysis of mouse lymph node cells. This can be used at less than or equal to 0.5 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 10⁵ to 10⁸ cells /test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For TCR gamma/delta Monoclonal Antibody (eBioGL3 (GL-3, GL3)), APC, eBioscience™



TCR gamma/delta Antibody (17-5711-82) in Flow
Staining of C57BL/6 lymph node with Anti-Mouse CD3e FITC (Product # 11-0031-82) and 0.25 µg of Armenian Hamster IgG Isotype Control APC (Product # 17-4888-82) (left) or 0.25 µg of Anti-Mouse gamma delta TCR APC (right). Total viable cells were used for analysis.

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39 References

Flow Cytometry (39)

<p>iScience</p> <p>Nt5e deficiency does not affect post-stroke inflammation and lesion size in a murine ischemia/reperfusion stroke model.</p> <p>"17-5711-82 was used in Flow cytometry/Cell sorting to highlight the potential impact of stroke models on study outcome and the need for cross-validation of originally promising immunomodulatory candidates."</p> <p>Authors: Schädlich IS,Schnapauß O,Pöls L,Schrader J,Tolosa E,Rissiek B,Magnus T</p>	<p>Year 2022</p> <p>Species Mouse</p>
<p>Cell & bioscience</p> <p>Identification of atypical mitogen-activated protein kinase MAPK4 as a novel regulator in acute lung injury.</p> <p>"17-5711-82 was used in Flow Cytometry to reveal an unknown role of atypical MAPKs member MAPK4 in the pathology of acute lung injury."</p> <p>Authors: Mao L,Zhou Y,Chen L,Hu L,Liu S,Zheng W,Zhao J,Guo M,Chen C,He Z,Xu L</p>	<p>Year 2022</p> <p>Species Mouse</p>

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