

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

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Armenian hamster / IgG
Class	Monoclonal
Type	Antibody
Clone	eBioGL3 (GL-3, GL3)
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_467569

Applications	Tested Dilution	Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	-	3 Publications
Flow Cytometry (Flow)	0.25 µg/test	44 Publications
Immunoprecipitation (IP)	Assay-Dependent	-
Miscellaneous PubMed (Misc)	-	1 Publication

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, and immunoprecipitation.

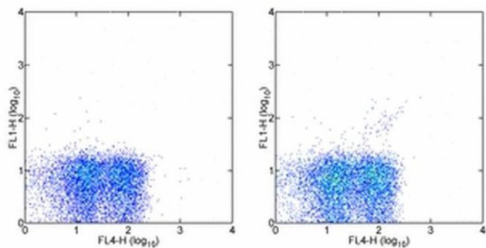
Applications Tested: This GL3 (GL-3) antibody has been tested by flow cytometric analysis of mouse lymph node cells. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

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



TCR gamma/delta Antibody (14-5711-82) in Flow
Staining of C57BL/6 lymph node cells with Anti-Mouse CD3 APC-Cy7 and 0.25 µg of Armenian Hamster IgG Isotype Control Purified (Product # 14-4888-81) (left) or 0.25 µg of Anti-Mouse gamma delta TCR Purified (right) followed by Anti-Armenian Hamster IgG FITC (Product # 11-4111). Cells in the lymphocyte gate were used for analysis.

View more figures on thermofisher.com

Immunohistochemistry (Frozen) (1)

Frontiers in immunology T Cells Suppress Liver Fibrosis via Strong Cytolysis and Enhanced NK Cell-Mediated Cytotoxicity Against Hepatic Stellate Cells. "14-5711-82 was used in Immunohistochemistry (Frozen) to assess whether T cells contribute to liver fibrosis regression." Authors: Liu M,Hu Y,Yuan Y,Tian Z,Zhang C	Year 2020 Species Mouse Dilution 1:100
---	--

Immunocytochemistry (3)

Frontiers in immunology T Cells Suppress Liver Fibrosis via Strong Cytolysis and Enhanced NK Cell-Mediated Cytotoxicity Against Hepatic Stellate Cells. "14-5711-82 was used in Immunohistochemistry (Frozen) to assess whether T cells contribute to liver fibrosis regression." Authors: Liu M,Hu Y,Yuan Y,Tian Z,Zhang C	Year 2020 Species Mouse Dilution 1:100
---	--

Cell chemical biology Vaccination with Tumor-Ganglioside Glycomimetics Activates a Selective Immunity that Affords Cancer Therapy. "14-5711 was used in Immunocytochemistry-Immunofluorescence to show that synthetic antigens mimicking the carbohydrate moiety of GD2 or GD3 gangliosides can be used as vaccines to activate a selective humoral and cellular immunity that is therapeutic against several cancers expressing GD2 or GD3." Authors: Tong W,Maira M,Roychoudhury R,Galan A,Brahimi F,Gilbert M,Cunningham AM,Joseph S,Pirvulescu I, Moffett S,Saragovi HU	Year 2019 Species Mouse
---	---

[View more ICC/IF references on thermofisher.com](#)

Flow Cytometry (44)

Nature communications Nociceptive sensory neurons promote CD8 T cell responses to HSV-1 infection. "Published figure using TCR gamma/delta monoclonal antibody (Product # 14-5711-82) in Flow Cytometry" Authors: Filtjens J,Roger A,Quatrini L,Wieduwild E,Gouilly J,Hoeffel G,Rossignol R,Daher C,Debroas G,Henri S,Jones CM,Malissen B,Mackay LK,Moqrich A,Carbone FR,Ugolini S	Year 2021
--	-----------------------------

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

Misc (1)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.