

CD132 Monoclonal Antibody (TUGh4), Biotin, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Host/Isotype	Rat / IgG2b, lambda
Recommended Isotype Control	Rat IgG2b kappa Isotype Control (eB149/10H5), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	TUGh4
Conjugate	Biotin
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, store in dark, DO NOT FREEZE!
RRID	AB_1582232

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.125 µg/test	-

Product Specific Information

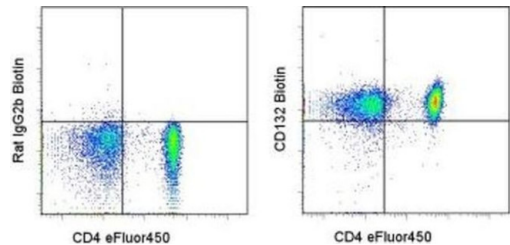
Description: This TUGh4 monoclonal antibody reacts with human CD132, the common gamma chain (gamma c) shared by the IL-2, IL-4, IL-7, IL-9, and IL-15 receptors. This approximately 65 kDa receptor component is expressed on T and B lymphocytes, NK cells, monocytes, and granulocytes. CD132 is involved in intracellular signal transduction by associating with effector molecules within the cytoplasm. Mutations in the human gamma chain gene result in X-linked severe combined immunodeficiency (XSCID), a disease characterized by T cell deficiency leading to impairment of cell-mediated and humoral immunity.

Applications Reported: This antibody has been reported for use in flow cytometric analysis.

Applications Tested: This TUGh4 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells. 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 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD132 Monoclonal Antibody (TUGh4), Biotin, eBioscience™



CD132 Antibody (13-1329-82) in Flow

Staining of normal human peripheral blood cells with anti-human CD4 eFluor® 450 (Product # 48-0049-42) and Rat IgG2b K Isotype Control Biotin (Product # 13-4031-82) (left) or Anti-Human CD132 Biotin (right) followed by Streptavidin PE (Product # 12-4317-87). Cells in the lymphocyte gate were used for analysis.

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.