

CD25 Monoclonal Antibody (BC96), Alexa Fluor™ 660, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Alexa Fluor™ 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	BC96
Conjugate	Alexa Fluor™ 660
Excitation/Emission Max	663/691 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2896257

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	-

Product Specific Information

Description: The BC96 monoclonal antibody reacts with human CD25, the 55 kDa interleukin-2 receptor alpha chain (IL-2Ralpha). CD25 is expressed by early progenitors of T and B lineage as well as by activated mature T and B lymphocytes. By itself, CD25 binds IL-2 only with low affinity. However, CD25 associates with CD122 (IL-2 receptor beta chain) and CD132 (common gamma chain) to form the high affinity IL-2 receptor. CD25 plays a role in lymphocyte differentiating and activation /proliferation.

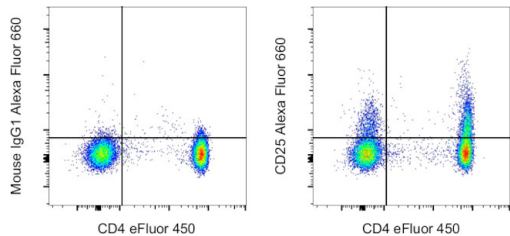
Applications Reported: This BC96 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This BC96 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (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.

Alexa Fluor 660 emits at 690 nm and is intended for use on spectral cytometers where it may be multiplexed with APC, Alexa Fluor 647 and Alexa Fluor 700.

Excitation: 662 nm; Emission: 690 nm; Laser: Red Laser

Product Images For CD25 Monoclonal Antibody (BC96), Alexa Fluor™ 660, eBioscience™



CD25 Antibody (606-0259-42) in Flow

Normal human peripheral blood cells were stained with CD4 Monoclonal Antibody, eFluor 450 (Product # 48-0049-42) and Mouse IgG1 kappa Isotype Control, Alexa Fluor 660 (Product # 606-4714-81) (left) or CD25 Monoclonal Antibody, Alexa Fluor 660 (right). Viable cells in the lymphocyte gate were used for analysis, as determined by 7-AAD (Product # 00-6993-50). This data was collected on a 5-laser Cytex Aurora full spectral cytometer.

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