

DATA SHEET

Bcl-2 Monoclonal Antibody (10C4), FITC

Code Number#KT-9111-6992-42

Size: 100 Tests

Species: Mouse, Rat

Published Species: Mouse

Expression System: Mouse / IgG1, kappa

Recommended Isotype: Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), FITC

Class: Monoclonal

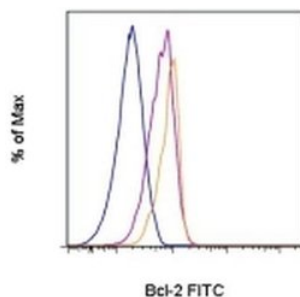
Type: Antibody

Clone: 10C4

Applications: Flow Cytometry (Flow)

Product Specific Information

Description: The 10C4 monoclonal antibody reacts with mouse and rat Bcl-2, also known as B cell lymphoma 2. Bcl-2 is the founding member of the Bcl-2 family of evolutionarily-conserved proteins that regulate cell death/survival. Members of the Bcl-2 family include the pro-apoptotic proteins BAD, Bax, and Bim, and the anti-apoptotic proteins Bcl-2, Bcl-xL, and Mcl-1. Bcl-2 inhibits apoptosis by preventing the release of cytochrome c from the mitochondria. Mutation of Bcl-2 or overexpression of Bcl-2 due to chromosomal translocation has been identified as a contributing factor in numerous cancers. In developing thymocytes, Bcl-2 is expressed at high levels in CD4-CD8- double negative and in CD4+ and CD8+ single positive thymocytes; Bcl-2 expression is greatly diminished in CD4+CD8+ double positive thymocytes.



For In-Vitro Diagnostic Use. Not For Human Or Animal Consumption