

BCL2-like 2 (BCL2L2) / BCL-W Antibody

Mouse Monoclonal Antibody [Clone PCR-P-BCL2L2-1A4]

Catalog No	Format	Size
599-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
599-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
599-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

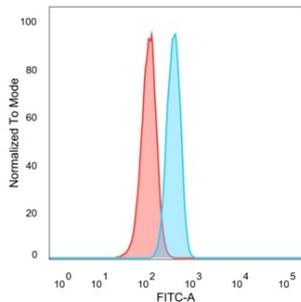
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

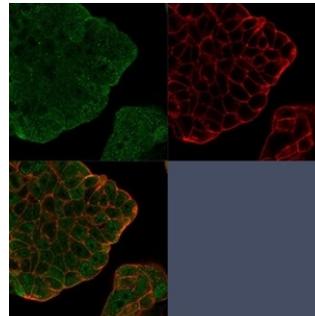
Clone	PCR-P-BCL2L2-1A4
Gene Name	BCL2L2
Immunogen	Recombinant human full-length BCL2L2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b
Mol. Weight of Antigen	22-30kDa
Cellular Localization	Mitochondrion membrane
Species Reactivity	Human
Positive Control	HEK293, HePG2, MCF-7 or U87 cells., PC-3

*Optimal dilution for a specific application should be determined.

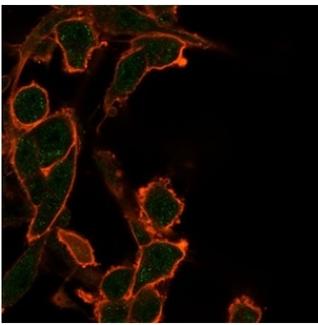
Product Images for BCL2-like 2 (BCL2L2) / BCL-W Antibody



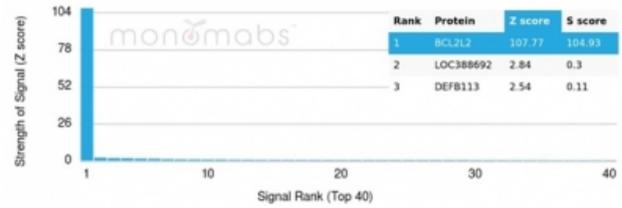
Flow cytometric analysis of PFA-fixed Raji cells. BCL2L2 Mouse Monoclonal Antibody (PCR-P-BCL2L2-1A4) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



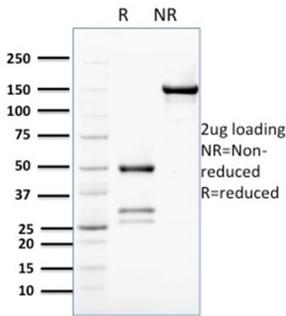
Immunofluorescence Analysis of PFA-fixed MCF-7 cells stained using BCL2L2 Mouse Monoclonal Antibody (PCR-P-BCL2L2-1A4) followed by goat anti-mouse IgG-CF488 (green). CF640R phalloidin (red).



Immunofluorescence Analysis of PFA-fixed U87 cells stained using BCL2L2 Mouse Monoclonal Antibody (PCR-P-BCL2L2-1A4) followed by goat anti-mouse IgG-CF488 (green). CF640R phalloidin (red).



Analysis of Protein Array containing more than 19,000 full-length human proteins using BCL2-like 2 Mouse Monoclonal Antibody (PCR-P-BCL2L2-1A4). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE Analysis of Purified BCL2L2 Mouse Monoclonal Antibody (PCR-P-BCL2L2-1A4). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Apoptosis, Autophagy, Cardiovascular