



Rabbit Anti-BCL2L1 monoclonal antibody, clone TA4-14 (DCABH-6948)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Bcl-XL
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TA4-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	26 kDa
Cellular Localization	Mitochondrion inner membrane, Mitochondrion outer membrane, Mitochondrion matrix, Cytoplasmic vesicle, Cytoplasm, Nucleus membrane.
Positive Control	MCF-7, Hela, HepG2, human colon cancer tissue, human breast carcinoma tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	<p>The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18) bearing follicular B cell lymphomas. Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal. A second protein, designated Bcl-associated X protein (Bax) p21, has extensive amino acid homology with Bcl-2 and both homodimerizes and heterodimerizes with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3-dependent cell line, and Bax also counters the death repressor activity of Bcl-2. Bcl-x, one of several additional proteins with sequence homology to Bcl-2, is expressed as Bcl-xL, a 233 amino acid protein with 43% sequence identity with Bcl-2 that suppresses cell death, and Bcl-xS, a shorter variant that is 178 amino acids in length and lacks a 63 amino acid region (amino acids 126-188) found in Bcl-xL and which functions as a dominant inhibitor of Bcl-2. A further apoptosis-inducing protein, Bad, dimerizes both with Bcl-xL and to a lesser extent with Bcl-2, thus displacing Bax and inducing apoptosis.</p>
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Keywords	<p>Apoptosis regulator Bcl X;Apoptosis regulator Bcl-X;Apoptosis regulator BclX;B cell lymphoma 2 like;B2CL1_HUMAN;Bcl 2 like 1 protein;Bcl X;Bcl xL;BCL XL/S;Bcl xS;Bcl-2-like protein 1;Bcl2 Like 1;Bcl2 related gene;Bcl2-L-1;BCL2L;Bcl2l1;BCLX;BclXL;BclXs;DKFZp781P2092;PPP1R52;Protein phosphatase 1 regulatory subunit 52 antibody</p>
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GENE INFORMATION

Entrez Gene ID	2641
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