

Immunotag™ Phospho-BCL-XL (Thr47) Antibody

Antibody Specification	
Catalog No.	ITA1183
Product Description	Immunotag™ Phospho-BCL-XL (Thr47) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-BCL-XL (Thr47)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human BCL-XL around the phosphorylation site of Threonine 47
Specificity	Phospho-BCL-XL (Thr47) Antibody detects endogenous levels of BCL-XL only when phosphorylated at Threonine 47
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	BCL2L1
Accession No.	Q07817
Alternate Names	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;

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Description	Potent inhibitor of cell death. Inhibits activation of caspases. Appears to regulate cell death by blocking the voltage-dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, CYC1, from the mitochondrial membrane. Also acts as a regulator of G2 checkpoint and progression to cytokinesis during mitosis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	30kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.