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Immunotag™ Phospho-BCL-2 (Ser70) Antibody

Antibody Specification

Catalog No.	ITA0912
Product Description	Immunotag™ Phospho-BCL-2 (Ser70) 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-2 (Ser70)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,IP,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IP, 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-2 around the phosphorylation site of Serine 70
Specificity	Phospho-BCL-2 (Ser70) Antibody detects endogenous levels of BCL-2 only when phosphorylated at Serine 70
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	BCL2
Accession No.	P10415

Antibody Specification

Alternate Names	Apoptosis regulator Bcl 2; Apoptosis regulator Bcl-2; Apoptosis regulator Bcl2; AW986256; B cell CLL/lymphoma 2; B cell leukemia/lymphoma 2; Bcl-2; Bcl2; BCL2_HUMAN; C430015F12Rik; D630044D05Rik; D830018M01Rik; Leukemia/lymphoma, B-cell, 2; Oncogene B-cell leukemia 2; PPP1R50; Protein phosphatase 1, regulatory subunit 50;
Description	Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1). May attenuate inflammation by impairing NLRP1-inflammasome activation, hence CASP1 activation and IL1B release (PubMed:17418785).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	28kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.