

Datasheet for ABIN1531786
anti-Bcl-2 antibody (pSer70)



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2 Images

Overview

Quantity:	100 µL
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 41-90, pSer70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bcl-2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human BCL-2 around the phosphorylation site of Ser70.
Isotype:	IgG
Specificity:	BCL-2 (Phospho-Ser70) Antibody detects endogenous levels of BCL-2 only when phosphorylated at Ser70. PhosphorylationH:S70
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

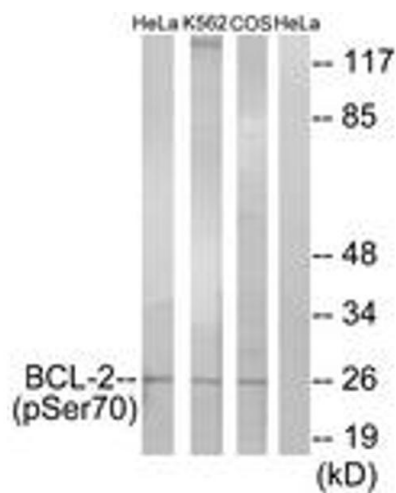
Target:	Bcl-2 (BCL2)
Alternative Name:	BCL-2 (BCL2 Products)
Background:	Synonyms: Apoptosis regulator Bcl-2, B-cell CLL/lymphoma 2, BCL2 NCBI Gene Symbol: BCL2
Molecular Weight:	26 kDa
Gene ID:	10000
OMIM:	151430
UniProt:	P10415
Pathways:	MAPK Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Regulation of Muscle Cell Differentiation , Cell-Cell Junction Organization , Skeletal Muscle Fiber Development , Autophagy , Smooth Muscle Cell Migration , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.150749 (NCBI Gene Symbol: BCL2)
Restrictions:	For Research Use only

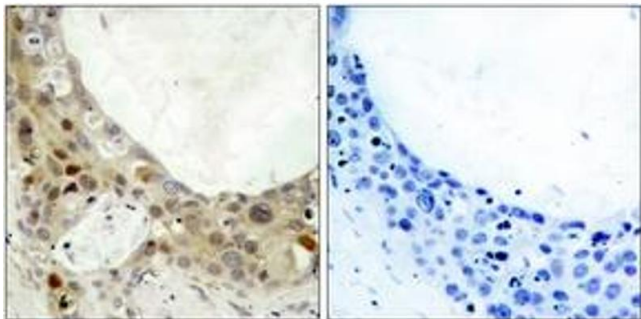
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells treated with LPS (40nM, 30mins), K562 cells treated with calyculin A (50ng/ml, 30mins) and COS-7 cells treated with H2O2 (1ng/ml, 15mins), using BCL-2 (Phospho-Ser70) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using BCL-2 (Phospho-Ser70) Antibody. The picture on the right is treated with the synthesized peptide.