

anti-Human BCL-2 Antibody | anti-BCL-2 antibody

BCL-2 (Phospho-Ser70) Antibody

CATALOG # AAA267691	REACTIVITY Human	APPLICATIONS ELISA, Immunoprecipitation, Immunohistochemistry, Western Blot
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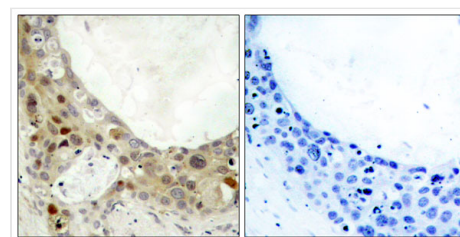
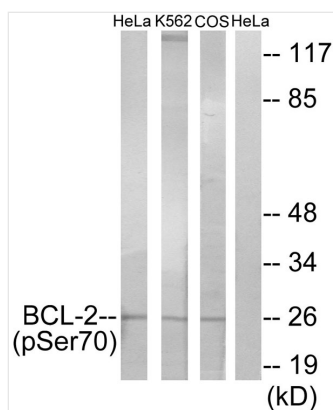
PRODUCT SYNONYMS

BCL-2; BCL-2 (Phospho-Ser70) Antibody; Apoptosis regulator Bcl-2; B-cell CLL/lymphoma 2; BCL2; anti-BCL-2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	BCL-2 (Phospho-Ser70) antibody detects endogenous levels of BCL-2 only when phosphorylated at serine 70.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	239
Applicable Applications for anti-BCL-2 antibody	ELISA, IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human BCL-2 around the phosphorylation site of serine 70 (R-T-SP-P-L).
All Sites	Human: Ser70
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using BCL-2 (Phospho-Ser70) antibody. Western blot analysis of extracts from HeLa cells treated with LPS (40nM, 30mins), K562 cells treated with calyculin A (50ng/ml, 30mins), COS-7 cells treated with H₂O₂ (1ng/ml, 15mins), using BCL-2 (Phospho-Ser70) antibody.

ADDITIONAL INFORMATION

References	Tsujimoto Y., Proc. Natl. Acad. Sci. U.S.A. 83:5214-5218(1986). Eguchi Y., Nucleic Acids Res. 20:4187-4192(1992). Cleary M.L., Cell 47:19-28(1986).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72198189
NCBI GeneID	596
NCBI Accession #	NP_000624.2
NCBI GenBank Nucleotide #	NM_000633.2
UniProt Accession #	P10415; P10416; Q13842; Q16197; C9JHD5
Molecular Weight	22,337 Da
NCBI Official Full Name	apoptosis regulator Bcl-2 isoform alpha
NCBI Official Synonym Full Names	BCL2, apoptosis regulator
NCBI Official Symbol	BCL2
NCBI Official Synonym Symbols	Bcl-2; PPP1R50
NCBI Protein Information	apoptosis regulator Bcl-2
UniProt Protein Name	Apoptosis regulator Bcl-2
UniProt Gene Name	BCL2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/bcl-2/267691>