Product Datasheet

BCL-2(Phospho-Thr56) Antibody

Catalog No: #11064

Package Size: #11064-1 50ul #11064-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

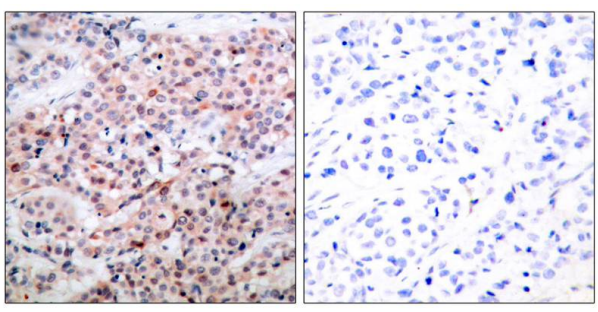
Product Name	BCL-2(Phospho-Thr56) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of BCL-2 only when phosphorylated at threonine 56.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 56(G-H-T(p)-P-H) derived from Human BCL-2.
Target Name	BCL-2
Modification	Phospho
Other Names	Bcl-2, PPP1R50
Accession No.	Swiss-Prot: P10415; NCBI Gene ID: 596; NCBI mRNA: NM_000633.2; NCBI Protein: NP_000624.2
SDS-PAGE MW	26KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Predicted MW: 26kd

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using BCL-2 (phospho-Thr56) antibody (#11064).

Background

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.