BCL-2(Phospho-Thr56) Antibody

#11064

Catalog Number: 11064-1, 11064-2

Amount: 50μg/50μl, 100μg/100μl

Swiss-Prot No. : P10415

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human BCL-2 around the phosphorylation site of threonine 56 (G-H-Tp-P-H).

Purification: The antibody was 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.

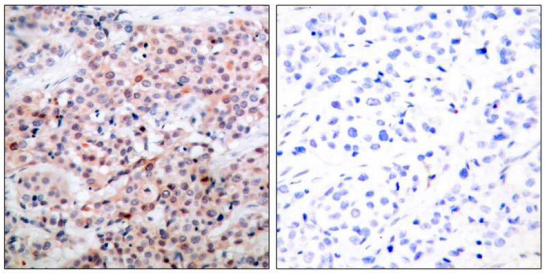
Specificity/Sensitivity: BCL-2 (phospho-Thr56) antibody detects endogenous levels of BCL-2 only when phosphorylated at threonine 56.

Reactivity: Human

Applications:

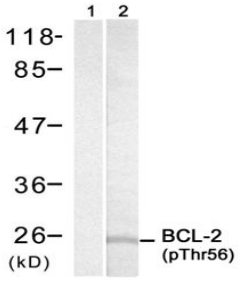
Predicted MW: 26kd

IHC:1:50~1:100 WB:1:500~1:1000



P-Peptide – +

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



Western blot analysis of extracts from MDA435 cells treated with sorbtiol (0.4M, 30min) using BCL-2 (phospho-Thr56) antibody

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).

References：

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Deng, X. et al. (2001) *J. Biol. Chem.* 276, 23681-23688.
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